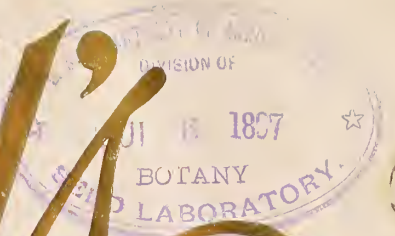


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1897



Michell's

Highest Quality

Seeds



HENRY F. MICHELL 1018 MARKET ST. PHILA.

1018 MARKET ST. PHILA. F. McMANUS, JR. & CO. PHILA.

Our Seeds



Have all been grown this past season on contract by STRICTLY the most reliable growers and specialists, and our customers may rely upon getting the very best **FRESH, TESTED SEEDS** ❁ ❁ ❁

Our Stock of Implements IS LARGE, NEW
..... AND COMPLETE
AT MODERATE PRICES

WE CARRY IN STOCK.. Garden, Lawn and Greenhouse
EVERYTHING FOR THE

To Gentlemen Wishing the Services of a Gardener

We have on our register the names of very good men who are open to take a position. We will be careful to recommend only such men as would be most suitable, and with best of references.

To Gardeners Wishing a Situation.....

We frequently have calls for first-class gardeners, and to supply such openings we cheerfully ask gardeners who are in want of a position to apply to us, and we will endeavor to find a suitable place for good men.

We positively make no charge for this service, either to employer or employee, and exact no obligations whatever, as we consider it a strictly BUSINESS MATTER and a PART OF OUR SEED BUSINESS.

Dutch Bulbs We import a very extensive stock of **HYACINTHS, TULIPS, DAFFODILS, EASTER LILIES, etc.,** from the most reliable Growers in Holland, Bermuda, etc. Usually arrive from abroad about September 1st. Illustrated Catalogues will be mailed to all customers and applicants.

HOW BEST TO REMIT.

Remittances should be made either in the form of a **P.O. Money Order, Bank Draft, Express Money Order, Express Purchasing Order, or Registered Letter.** Remittances in any other way are entirely at the sender's risk.

Give full shipping instructions on each and every order you send. To avoid chance of error, never write letters on the same sheet as your order.

We pay the postage on all seeds in packets and ounces purchased from this catalogue.

We only charge postage on bulk quantities, viz.: At the rate of eight cents per pound, Peas and Beans at the rate of fifteen cents per quart, and Corn at the rate of ten cents per quart.

We make no charge for cartage or delivery of goods to any railroad station, steamship line, or express office in Philadelphia.

The safe arrival is guaranteed of all goods sent by express to any part of the United States.

We make no charge for packing cases, baskets, packages or barrels, and pack as lightly as possible, consistent with safety, so as to reduce the cost of carriage.

Correspondence, advice, etc. We are always glad to give any information in our power to our customers on any subject pertaining to our business.

Quantity of Seeds Usually Sown upon an Acre.

	Lbs. per bush.		Lbs. per bush.
Beans, Dwarf, in drills	60	1 1/2 lbs.	4 to 5 lbs.
Beans, Pole, in hill	60	10 to 12 qts.	1 bush.
Beets, Table, in hill		6 lbs.	2 to 3 bush.
Beets, Mangle Wurzel		5 lbs.	6 to 8 lbs.
Buckwheat	48	1 bush.	60 lbs.
Cabbage, in beds to transplant		3/4 bush:	6 to 12 bush.
Carrot, in drills		3 to 4 lbs.	4 to 6 lbs.
Clover, Red	60	20 lbs.	1 1/2 bush.
Clover, White	60	12 to 15 lbs.	1 1/2 bush.
Clover, Alsike	60	10 lbs.	3 bush.
Clover, Lucerne or Alfalfa	60	20 lbs.	8 bush.
Corn, in hills		8 to 10 qts.	3 lbs.
Corn for fodder	56	8 bush.	8 to 10 lbs.
Cucumber, in hills		2 lbs.	1 1/2 to 2 bush.
Grass, Kentucky Blue	14	3 bush.	8 to 10 lbs.
Grass, Orchard	12	8 bush.	15 lbs.
Grass, English Bye	24	3 bush.	4 lbs.
Grass, Red Top	10	3 bush.	3 lbs.
Grass, Timothy	45	1/2 bush.	1/2 lb.
Grass, Hungarian	48	1 bush.	2 lbs.
Kale		6 lbs.	2 lbs.
Melon, Musk, in hills		2 to 3 lbs.	1 1/2 to 2 bush.
Melon, Water, in hills			
Millet	48		
Oats, broadcast	32		
Onion, in drills			
Onion for Sets, in drills			
Onion Sets, in drills			
Parsnip, in drills			
Round Peas, in drills	60		
Wrinkled Peas, in drills	56		
Peas broadcast			
Potatoes (cut tubers)	60		
Pumpkin, in hills			
Radish, in drills			
Rye, broadcast	56		
Salsify, in drills			
Spinach, in drills			
Squash, bush varieties, in hills			
Squash, running varieties, in hills			
Tomato, to transplant			
Turnip, in drills			
Turnip, broadcast			
Wheat, broadcast	60		

HENRY F. MICHELL,

No. 1018 Market Street, Philadelphia, Pa.

HENRY F. MICHELL
FRED. J. MICHELL

TELEPHONE 52-60 A.

Novelties and Specialties in Vegetable Seeds

DESCRIPTION AS GIVEN US BY THEIR RESPECTIVE INTRODUCERS

♦ ♦ ♦ WAX BEANS ♦ ♦ ♦

Roger's Lima. The pods are very broad and flat, and a most excellent rich quality. The plant is branching and vigorous, pods are borne in the greatest profusion, often a single plant having fifty or more pods. The pods form in clusters and sink beneath the dense foliage, which shields them from light showers, heavy dews and hot sun, which is a protection against their spotting or rusting. They require thin planting (two beans being sufficient for a hill) on very rich soil, and will run true and not sport. Pkt. 10c., qt. 60c.

Keeney's Rustless Golden Dwarf. This new bean combines hardiness and productiveness with fine quality; is a vigorous bush variety with entire freedom from rust. The pods, although flat when young, are meaty and well-filled; of rich, yellow color, fine quality, and entirely stringless, even when large enough to shell. Pkt. 10c., qt. 40c.

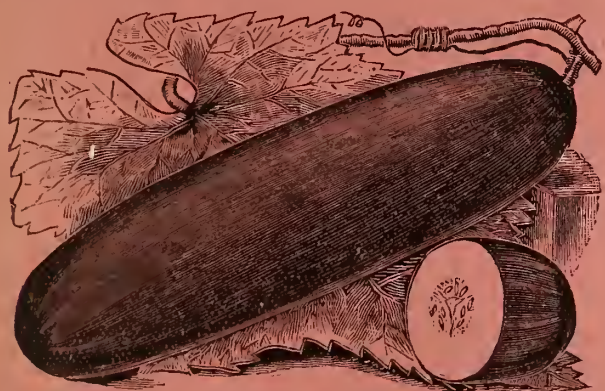
SWEET CORN



KENDEL'S
EARLY GIANT
SWEET CORN.

"Ken-
del's
Early
Giant"

After three years of growing and testing, we can say without exaggeration that Kendel's Early Giant Sweet Corn, introduced by A. C. Kendel, is the largest early Sweet Corn known. The accompanying cut is taken from photo of ears grown on high land on stalks from four to five feet high, and need no further explanation, the foot-rule telling the whole story. Gardeners report the corn ready to use in sixty days grown on sand and seventy-two days on heavy clay. Pkt. 10c., qt. 30c., four qts. \$1.10.

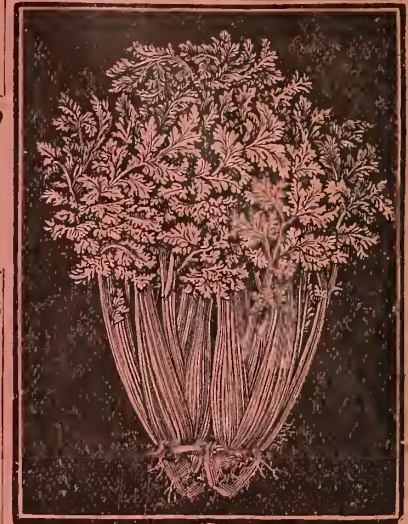


LIVINGSTON'S NEW CUCUMBER

"The Emerald." Every season since 1889 we have been carefully working with this variety, and now feel amply repaid for the labor expended, having succeeded in producing what we started out for—the best general purpose cucumber of the whole list of either home or foreign varieties, at least, so far as our knowledge extends. We started with the White Spine as a basis to work on, but the coloring and appearance of the White Spine is not all that could be desired, especially as some strains of White Spine, on account of small size, are objected to by many growers. It retains every good point in the best strains of White Spine, and in addition, possesses that rich dark green color which has been so long sought for but never before obtained. It is strictly an evergreen, retaining its color until fully ripe. Its fruit sets early, and its vigorous vines abound in long, straight, handsome fruits of most desirable qualities. The flesh being peculiarly crisp and tender, and the flavor delicate, highly recommend it as a slicer. The young fruit being dark green, straight and tender, makes an excellent pickle. *For Forcing*—for those who grow under glass, or for long distance shipping, it will prove a boon on account of holding its deep green color so much longer than the White Spine. The skin—always a handsome green—when grown under glass is not excelled, even by the best English frame varieties. It is almost entirely free from "warts and spines." As a table or market variety it cannot be surpassed. Sold in packets only. Pkt. 15c., 2 for 25c., 10 for \$1.00.

NEW ENGLISH PRIZE Forcing Cucumber

"Ideal." This new cucumber is the result of a cross between Noa's forcing and Prescott's Wonder, and after three years trial and observation, has proved to inherit from its parents their virtues, which distinguished them at the same time, without being endowed with their undesirable qualities. Under the good qualities may be named the rapid and strong growth, and such a wonderful profusion of fruit that this variety may without inherent hesitation be termed "the most prolific cucumber in the world." Moreover the beautiful shape, the rich green color, its adaptiveness for forcing as the fine flavor, justify to the appellation "Ideal Cucumber" Pkt. 25c.



New Pink Ribbed Celery.

New Pink Ribbed CELERY

Self-Blanching Paris. The very best pink variety yet sent out. Its appearance and excellent flavor has been noted by all celery growers. Pkt. 15c., oz. 50c., 1/4 lb. \$1.50.

New Asparagus Lettuce

A distinct variety of Continental origin. This Lettuce presents a novel appearance in growth. It is of the Cos type, and the midrib is prepared and served up in the same manner as Asparagus. Pkt. 10c., oz. 25c.

New Musk Melon

(Cantaloupe)

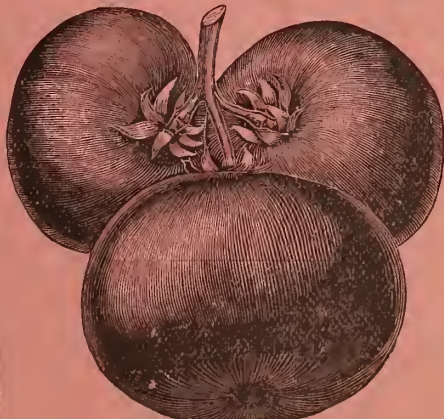
"French Prolific of Trevoux." This remarkable variety was sent out by our firm in 1894 and has obtained everywhere a just success. We have received numerous praises from many of our customers for the great production and best quality of the flesh of this melon. It was awarded a Silver medal after having been tasted by a special jury of judges. Pkt. 20c., 3pk. 50c.



New French Musk Melon.

Livingston's..Tomato

"Honor Bright." We predict that this variety will mark a new era in the tomato family on account of its peculiar characteristics; we are pleased in having the honor of introducing this new type,




New Tomato—"Honor Bright."

because it is sure to please everybody who grows it the coming season. Pkt. 15c., 2 pkts. 25c., 10 pkts. \$1.00.
New Imperial, Extra Early. The peer of every known variety, early or late, embracing in itself earliness, form, solidity, and every desirable quality. As large and smooth as Ignotum or Matchless. Color red, entirely smooth, more solid, and has fewer seeds than any other tomato grown, ripens evenly to the stem, is a strong grower and is not subject to crack, rust or blight. And while it is the earliest it still produces large perfect fruit until killed by frost. As a shipping, cooking or canning tomato the "New Imperial" heads the list. Pkt. 10c., oz. 30c., lb. \$3 50.

NOVELTIES IN FLOWER SEEDS

All Descriptions are as given by their Introducers

Ray-Aster

 Awarded a Certificate of Merit of the "Society of German Nurserymen."

This quite new and original class of Asters will be offered now in the above-named colors to the trade. The judgment of first horticulturists, who saw this novelty in September, was that the large assortment of these admired summer flowers got a highly appreciable addition with this new introduction. It was found two years ago amongst the improved Giant Comet Asters, and carefully cultivated since. The Ray-Asters attain a height of about twenty inches, in habit of true candelabrum growth and bearing their large flowers on long, strong stalks. The flowers, measuring four to six inches in diameter, consist of rays of very long, slender quilled florets, which have a charming appearance. This new type of Aster is likely to take the public fancy, being invaluable material for floral designs as well as a first-class acquisition for the flower garden. The committee of the Society of German Nurserymen, having been sent for judgment of this novelty, stated with words of praise in the Certificate of Merit, which was awarded for the Ray-Aster, that it is a very noticeable novelty among all classes of Asters.

- 91 **White.** Pkt. 20c., three pkts. 50c.
- 92 **Pink.** Pkt. 20c., three pkts. 50c.



New "Ray" Aster.



ASTERS JEWELL or BALL SHAPE

A new and beautiful class of Asters, obtained from the well-known Peony Perfection race; similar but somewhat dwarfer in habit than the latter, and with shorter petals; perfectly round flowers, twenty inches.

- | | | | |
|----|-------------------|-----------|------|
| 93 | Light or Sky Blue | per pkt., | 15c. |
| 94 | Reddish Violet | " | 15c. |
| 95 | Pure White | " | 15c. |
| 96 | Bright Pink | " | 10c. |
| 97 | Brilliant Scarlet | " | 10c. |
| 98 | Mixed, all colors | " | 10c. |



New Cineraria "Diamond."

148 Begonia

Queen of Carpet Beddings. A dwarf variety of the well-known Begonia Vernon. It reaches only about five to six inches in height, forming compact, round and small plants, with bright red flowers and dark leaves, presenting a most effective plant for carpet beds, etc. Pkt. 15c., 4 pkts. 50c.

CINERARIA MARITIMA

- 297 **"Diamond."** New White Edging Variety. Much more distinct in the silvery white foliage than the old variety, stronger and better grower, and may take the place of the "Centaurea or Dusty Miller." Pkt. 30c.

New and Improved Types of Cosmos



255 **Yellow Cosmos, "Improved."** This Yellow Cosmos is a great improvement over the small yellow offered last season. The flowers are of greater substance and have longer stems and measure 2 1/4 in. or more across; the petals are 1/2 in. broad; the color is a rich sunflower yellow; frequently the petals are toothed at the edges; the foliage is larger, though finely cut; plants of a more upright habit of growth. The Yellow Cosmos blooms from the seed in about six weeks from planting, and continues to

bloom for months. Per pkt. 15c., 4 pkts. for 50c.

256 **Cosmos—Large-flowering Fringed.** Most exquisite and perfect flowers with petals overlapping and plaited; flowers very large, quite flat and beautifully fringed; one of the most lovely of all the varieties. Per pkt. 15c., 4 pkts. for 50c.

262 **Camelliaflora.** White, pink and red; mixed; splendid varieties, with very large overlapping petals of great substance, resembling Single Camellias, but much larger, more beautiful; very chaste and lovely. Per pkt. 15c., 4 pkt. 50c.



Cosmos—Tints of Dawn.

263 **Tints of Dawn.** New, distinct varieties. Flowers have a white ground, finely flecked or flushed a delicate pink; some are flushed much darker around the eye than others; they are variously formed and are very beautiful. Per pkt. 15c., 4 pkts. 50c.

COSMOS—Continued.

264 **Single Dahlia, flowered.** Crimson. Splendid flowers of the deepest, richest shade; very large, resembling Single Dahlias in shape; with age they take on a lighter shade, which adds greatly to the effect, giving several different shades on 1 plant. The contrast between the brilliant red flowers and rich green of the foliage is very striking. Pkt. 15c., 4 pkts. 50c.



Cuphea Lanceolata fl. alba.

NEW

White Cigar Plant

325 **Cuphea Lanceolata fl. alba.** New variety of this free-flowering Mexican annual, with pure white blossoms. Pkt. 20c., 3 pkts. 50c.

Coreopsis

[California Sunbeams].

227 **Lanceolata Grandiflora.** These lovely improved varieties are much larger than any heretofore offered; the flowers are beautifully formed: some saucer-shaped, others flat, some exquisitely incurved, while others are like great buttercups. The petals are broad, with irregularly fringed edges. Some are very light yellow, others a deeper shade, darker around the eye. Pkt. 15c., four pkts. for 50c.



Chrysanthemum Seed

274 **Large-Flowering, Japanese.** Mixed colors. Pkt. 20c., 3 pkts. 50c.

Marguerite Carnation

238 **Yellow.** The color of this new early flowering carnation is a welcome addition of this fine and valuable strain thus being the completion of the collection so long sought for. The seed produces about 40 per cent. true plants. Pkt. 25c.

New Large Paris White Daisy

269 **Perfection.** For some years I have been improving on Chrysanthemum Maximum and I have now succeeded in raising a flower of extraordinary merit. "Perfection" is a grand white flower, many of the blooms measuring 5 in. across, and for cutting is invaluable. It comes true from seed and is sure to find a place in every garden. Pkt. 20c., 3 pkts. 50c.



Chrysanthemum flaximum "Perfection." (New Paris Daisy.)

MICHELL'S CATALOGUE



Forget-me-not, "Distinction," ten weeks after sowing.

FORGET-ME-NOT (*Nyosotis Alpestris*)

614 "Distinction," New Early Flowering. This new variety is different from all the other sorts of Forget-me-not which do not bloom until the second year. Distinction is a seedling of "Alpestris Victoria" and may be sown at any time of the year; if treated properly it will commence flowering about eight to ten weeks after the time the seeds have been sown. The plants are of a stout bushy habit of growth and it blooms like Victoria, having the same large bright azure blue flowers. The plant attains a height of five to seven inches, a diameter of eight to ten inches, and when fully grown is quite globular in shape and perfectly covered with flowers. The great value of Distinction is that if placed in a greenhouse in autumn it will continue flowering all the winter, and will be very useful for cutting; it has also proved to be the very best variety for forcing. Not alone for edgings and masses, but especially for growing in pots as well as for cutting it may safely be pronounced a first-class novelty. It has been awarded a large silver medal at the Second Jubilee Exhibition at Dresden, May, 1896. Per pkt. 20c.



GODETIA

474 "Gloriosa." Very showy new variety of the same habit and dwarf compact growth, as the "Lady Albemarle compacta," from which it differs essentially by its large satiny, brilliant deep blood-red flowers. It is without doubt the darkest colored of all Godetias and produces a gorgeous effect by the wonderful brilliancy of its flowers. Pkt. 15c., four pkts. 50c.

NEW GIANT ESCHSCHOLTZIA or California Poppy

and once in bloom, continue to flower for months, being especially fine during the winter. The flowers keep for two weeks in water. They measure three inches across. Per pkt. 15c., four pkts. 50c.

406 "Hunnemania." A lovely new plant with the beautiful foliage of the Eschscholtzia, enlarged, that develops into an herbaceous shrub, 2 1/4 feet high, adorned with large jonquil-yellow flowers on stems 12 inches long. Seeds planted in spring make blooming plants by autumn. The flowers keep for two weeks in water. They measure three

New HELIOTROPE

Distinct in Foliage with Mammoth Clusters of Perfect, Fragrant Flowers.

517 Lemoine's Giant Hybrids. A bed of this New Heliotrope will be the pride of your garden; it is a grand novelty, and will doubtless cause you to discard all varieties previously known. The flower heads are more than twice the size of the best varieties of the old species; they expand daily more and more, and when in their full beauty the trusses measure from ten to fifteen inches across. Their fragrance is simply lovely. The colors are from pure white through all shades of violet and blue to deep indigo. It is large and glossy. Pkt. 15c., two pkts. 25c.



The top portion of a single flower cluster, from a photograph of Lemoine's New Giant Hybrid Heliotrope



Gaillardia

454 "James Kelway," New Perpetual Blooming. A beautiful giant flowering Gaillardia from Europe, with magnificent flowers, measuring five or six inches across, of the brightest scarlet, with a golden margin and fringed edges. A most persistent and perpetual bloomer. Pkt. 15c., four pkts. 50c.

Gloxinia

443 "Princess Maud" Hybrid Grandiflora. This, my newest variety, is a grand addition. Its throat is a light shining crimson red, shading to the top a rich dark carmine, followed by beautiful edging of pure violet, while a broad band of white spotted violet surrounds the whole bloom. Particularly recommended. Per pkt. 25c.



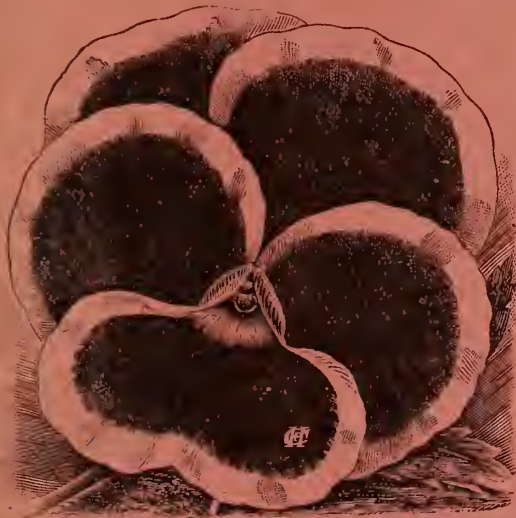
Gloxinia "Princess Maud."

New Marigold



Marigold—"Gold Ring."

588 "Gold Ring." This really charming variety somewhat resembles the old one, Legion of Honor, and is of dark brown velvety color, gracefully surrounded with a distinct gold ring. It is an exceedingly pretty flower, which blooms early and lasts until the frosts set in. Will meet with great success. Pkt. 15c., two pkts. 25c.



New Pansy "Freya."

768 "Freya." A large flowering dark violet Pansy with deep white edge. A characteristic of this bloom is that the back is distinctly marked like the front, which gives a bed of this variety a conspicuously full flowering appearance which is not obtainable with other Pansies. Pkt. 25c.

771 "President Carnot." This beautiful large flower of rich violet blue has a distinct white edge. One of the most striking yet raised, the plants being dwarf and compact, very free flowering and most exceptional for bedding. Notwithstanding this rainy summer that spoiled so many Pansies this fine variety gave a wonderful display of bloom. Sure to meet with great approval. Pkt. 25c.

772 "Parisian." This splendid Pansy is highly valued by the gardeners of Paris. It is quite a new class and not to be compared with Trimardeau, as it is of much more compact habit, and bears grander blooms. Pkt. 20c., three pkts. 50c.

NEW PAN- SIES



NEW SINGLE SUNFLOWER

498 *Helianthus Cucumerfolius Stella*. A very useful annual for bouquets. The plants grow to a height of about four or five feet, are very floriferous, the flowers are of a bright golden yellow with a dark centre and measure about three to four inches across. Pkt. 10c., three pkts. 25c.

LOBELIA

558 *Erinus Speciosa Compacta Duplex Double*. The finest Lobelia yet raised, of compact growth, forming complete round bushes with rich purple stems and foliage, very free flowering—covered all the season with large double rich blue flowers. Pkt. 15c., four pkts. 50c.

NEW MIGNONETTE

626 *Golden Midget*. Bears long massive spikes crowded with golden yellow blossoms. Pkt. 15c., four pkts. 50c.

628 *Allen's New Defiance*. This strain is beyond question the acme of perfection. When grown under favorable conditions and with proper care, its spikes will be from twelve to fifteen inches long, deliciously fragrant, much more so than any other variety. Pkt. 15c., four pkts. 50c.

NEW CLIMBING NASTURTIUMS

684 "Vesuvius." The most lively colors of all yet known and admired sorts of *Tropæolum Majus* is still by far surpassed through this novelty. The color is a dazzling fiery-rose and of such a striking effect that at a proportionately long distance it still may be termed the most effective and brilliant of all large flowering Nasturtiums. Therefore this novelty is well adapted for balcony decorations, small ornamental gardens, etc., and highly recommended. Pkt. 15c., four pkts. 50c.



Dianthus Superbus "Telekii."

365 "Telekii." This is a cross between *Dianthus Superbus* and *Dianthus Chinesis* having all the advantages of its parents without their defects. It is seen at its greatest advantage as a perpetual blooming from June to October. Its double flowers range from pure white, black carmine and violet, and it can be cultivated as a biennial as well as an annual. Even during this rainy season the display of flowers is still beautiful while the *Chinesis* and other varieties are spoiled. Pkt. 15c., four pkts. 50c.

NEW FRINGED ANNUAL PINKS

366 *Dianthus Laciniatus Nanus, New Hybrids*. New strain of the annual Pinks with fringed petals. The latter, varying in all shades from white to deep rose and even to purplish-red, are all tinged more or less with bright salmon red or salmon scarlet, and are distinguished by a dark ring round the centre. A group in full bloom presents a beautiful aspect on account of these charming salmon colorings and of the great diversity of designs. The plants grow only about ten inches high and are remarkable for their free-flowering character. Pkt. 15c., four pkts. 50c.



New

Annual

PINK





New Blue....

Phlox Drummondii

(Phlox Dr. Nana Coerulea Stellata)

729 Dwarf "Blue." New dwarf compact variety of uniform growth, with large pure light blue flowers with a white centre. On

Phloxes very useful for account of its rather rare color amongst carpet bedding. Pkt. 15c., four pkts. 50c.

Grand New Poppy

833 "Irresistible." This grand Poppy received its name because every one who saw it wanted it, and to some it proved irresistible. They carried away the flowers in triumph. It grows five feet or more in height; the flowers are immense and perfectly round. The color is a beautiful red, and petals fringed. It is the most showy and largest Poppy I have ever seen. Pkt. 15c., four pkts. 50c.

New HYBRID POPPY

816 "Cardinal." These new varieties grow about 18 inches high. Their habit is erect and compact. Among the shades appearing in the flowers are chamois and brilliant rose on light ground and purple crimson, and pink on black brown or violet ground. Pkt. 20c., three pkts. 50c.



Cardinal Poppy.

...NEW...

Ten-week Stock

"Brilliant Pink"

887 Large Flowered Pyramidal. Very effective new variety of this popular class of ten-week stocks. It produces long flower-spikes with large, well-formed double flowers of an extremely brilliant rose color. 75 to 80 per cent. of the plants will prove to be double-flowered. Pkt. 15c., four pkts. 50c.



Large Flowered Pyramidal Ten-week Stock Brilliant Rose.



≡ New ≡

Double Scabiosa



Scabiosa "Pompadour."

876 "Pompadour." It is a vigorous plant. One metre high (about three feet), with an enormous flower like a Gaillardia Lorenziana perfection. Was awarded a silver medal at the Paris Exhibition. Petals very large rounded, black purple at the foot, pure white from centre to bottom. The two colors diminishing towards their point of junction make the most splendid effect. This is certainly the nicest Scabiosa of all varieties known. Pkt. 25c., five pkts. \$1.00.

NEW SCABIOSA 877 "Grandiflora." The magnificent improved Scabiosa bears beautifully formed flowers that measure 3 to 3½ inches in diameter; the individual florets of the outer row are 1¼ inches across. It is a wonderful improvement in every way over the old variety. Mixed colors contain "Fiery Scarlet," Beautiful Rose" and "Dainty Mauve." Pkt. 15c., four pkts. 50c.

NEW TORENIA FOURNIERI 976 "Princess Helen of Montenegro." It is not one of those so-called novelties which every year appear by the dozen and as quickly disappear from the market, but a decided success in every sense of the word. Grows vigorous, well furnished with branches. The porcelain-blue, indigo-blue-spotted blossoms appear abundantly all through the summer; they are of unusual-even extraordinary size and beauty, very much larger and finer than the Fournieri, measuring at least 1½ inches across, obtained from a seedling, and during two years of careful cultivation it has remained invariable. Pkt. 30c., three pkts. 75c.

NEW WALL-FLOWER

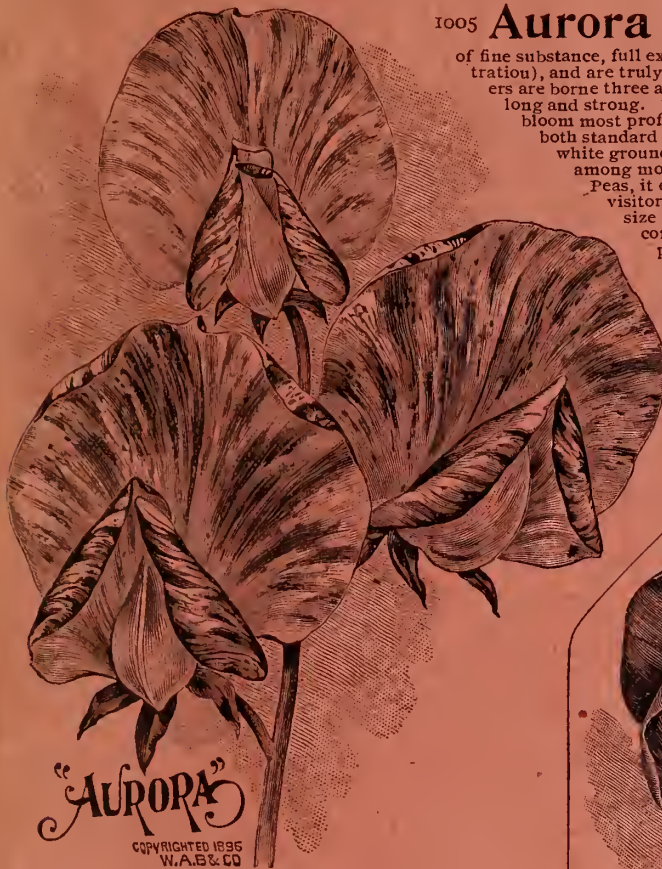
963 "Royal Purple." This variety has been obtained by a patient grower who put nearly twenty years to bring it to the high point attained at the present day. It is now sufficiently fixed and its reproduction is fully satisfactory. The wall-flowers are very valuable on account of their free flowering qualities. In consideration of the great richness of its color, this new variety will be certainly received with a hearty welcome. The color is a beautiful red carmine purple. The flowers are single. Either for groups or cut flowers the "Royal Purple" will be a valuable novelty. Pkt. 30c., three pkts. 75c.



Wall-Flower "Royal Purple."

NEW SWEET PEAS

1005 Aurora It is impossible to over-praise the striking beauty of this gigantic-flowered new Sweet Pea. The flowers are of fine substance, full expanded form (as shown in the illustration), and are truly gigantic in size. The immense flowers are borne three and four on a stem; the stems are extra long and strong. The vines are vigorous in growth and bloom most profusely. The color effect is gorgeous; both standard and wings are flaked and striped on a white ground, with bright orange-salmon. Grown among more than one hundred varieties of Sweet Peas, it excited the immediate attention of all visitors, both on account of the enormous size and brilliancy of the flowers. Aurora comes absolutely true from seed. Each packet contains thirty seeds. Per pkt. 15c., two pkts. 25c., ten pkts. \$1.00.



1008 Creole A chance seedling from Lemon Queen the flowers are of the same open, expanded form. Of good substance and large size, the vines average three flowers on a stem. The standard is light pinkish-lavender, while the wings are a pure lavender. The flowers are of a most refined, delicate beauty, and yet produced profusely. Per pkt. 15c., two pkts. 25c., ten pkts. \$1.00.

1007 "Brilliant" This will fill the need for bright Scarlet Sweet Pea of improved form. The flowers are of good substance; medium to large in size; the broad standard is inclined to hood, while the wings are well spread. The color is of a rich, bright crimson-scarlet. The wings nearly equal the standard in intense richness of color. The flowers are borne three on a stem. A most important point is in the fact that the flowers retain their full brilliancy of color under the hottest sun, never becoming marbled or burned. A packet contains thirty seeds. Per pkt. 15c., two pkts. 25c., ten pkts. \$1.00.



1006 Red Riding-Hood

Of fantastic form, fascinating color, fragrant as the rose. In this new variety we have a fixed type, and an absolutely new departure in form. When fully developed, the standard and wings are a pleasing rosy pink, shading to bluish white at the calyx; the keel, which is almost completely enveloped, being nearly pure white. Al-

RED RIDING HOOD—Continued.

though unusually robust in habit, it is early flowering, and in plenty and continuity of bloom it excels all other existing sorts. The standard is diminutive, and peculiarly convoluted, forming a hood around the wings, which protrude in wavy form, lending a novel and pleasing character to the flower. The fragrance surpasses, in a marked degree, that of other varieties of Sweet Peas. The length and rigidity of the stems are remarkable; they run eighteen inches long and over, and when cut the stem and bloom retain their stability for a much longer period than other sorts. Per pkt. of 25 seeds 15c., four pkts. 50c.

1009 "New Countess"

The Countess of Radnor is a favorite Sweet Pea on account of its delicate lavender-mauve color and fine form. Its one fault, however, is that the standard shows a shade of reddish-mauve, spoiling the otherwise light lavender effect. This new strain, which has been developed from a single plant selected some years ago, now comes almost absolutely true from seed. The flowers are of the largest size and are a pure light lavender throughout, both on standard and wings. Nothing could be more beautiful than a bouquet of these dainty light flowers. Per pkt. of about 30 seeds 15c., two pkts. 25c., ten pkts. \$1.00.

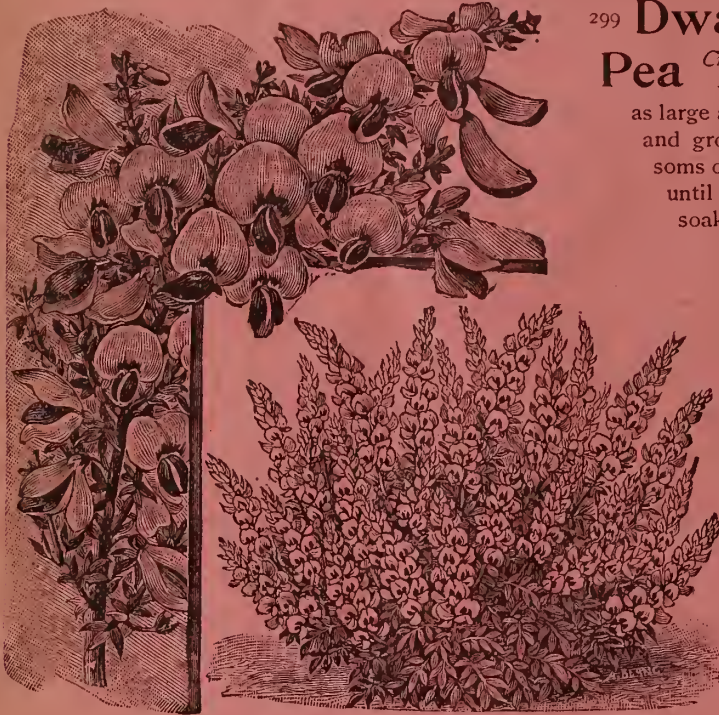


The Dwarf White Sweet Pea

925 "Cupid" Unlike all others—grows only five inches high. Pkt. 10c., oz. 30c.



NEW SWEET PEAS—Continued



299 Dwarf Golden Yellow Flowering Pea

Crotolaria Retusa The flowers of this beautiful annual are of a rich golden yellow color, of the true Sweet Pea form and as large as the Eckford's varieties. The flowers are of firm substance and grow in racemes, fox-glove style and often produce forty blossoms on one spike. It blooms profusely throughout the summer and until killed by frost. Start the seeds in the window or hot bed, first soaking them in warm water. Per pkt. 10c., three pkts. 25c.

1010 Golden Gate

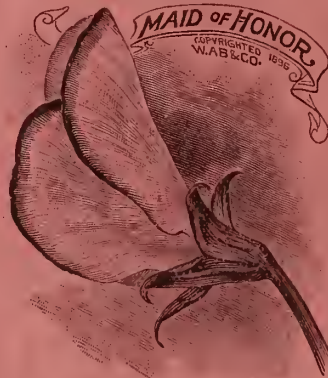
Its peculiar form is entirely unlike any other Sweet Pea known. The flowers are of good substance and large size, with standard of fine hooded form. The novel feature is seen in the long, pointed wings, which stand upright (like the ears of a rabbit), nearly parallel with the standard. The numerous strong stems bear

three and four flowers each, while a remarkable feature is that two stems frequently grow together, bearing six to eight flowers on one truss. The standard is soft pinkish-mauve; wings a lighter mauve and lavender. Each packet contains thirty seeds, Per pkt. 15c., two pkts. 25c., ten pkts. \$1.00.



1011 "Maid of Honor"

This might be described as an Improved Light Butterfly. The coloring is very beautiful, lighter than the original Butterfly. It is light blue on a white ground, shaded and edged. The flowers, borne three on a stem, are of the finest hooded form. In size and substance they are fully equal to Lottie Eckford. In the illustration of a single flower we show a side view to illustrate the distinct blue edge and to show the entire freedom from the notches at side of standard so conspicuous in Butterfly and Indigo King. Comes true from seed. Each packet contains thirty seeds. Per pkt. 15c., two pkts. 25c., ten pkts. \$1.00.



GRAND NEW RELIABLE ROSE

"Climbing Wootton." A sprout of the well-known Souv. de Wootton, of vigorous climbing habit. An exceedingly strong rapid grower, making shoots twelve feet long in one season. It is a profuse bloomer. The flowers are large and full of rich carmine color and exceedingly fragrant. It is quite hardy in this latitude. Doz. \$2.50. Special price for larger quantities.

NEW DAHLIAS FOR 1897

It is with pardonable pride that I call attention to the following exquisite Dahlias now offered for the first time. They were exhibited at Philadelphia and New York the past season, where they received the highest honors. Sixty (\$60) dollars are already offered in prizes for best blooms of Wm. Agnew and Miss May Lomas, while all the others are prize-winning Dahlias.

Constancy. Of exquisite beautiful form, regular and symmetrical; color a rich, reddish-orange-shaded bronze, tipped white. Strong and vigorous, profuse until frost.

Miss May Lomas. A new and distinct type; flowers are large, with shell-like petals of most exquisite, waxy finish. The color is most charming, being pure white, delicately suffused soft, rosy lavender.

Oriental. Very large, rich pale salmon, of fine form, profuse and constant bloomer; the petals are broad, regular and of fine glossy finish.

The New Tree Dahlia (Red and Black). A new and entirely distinct combination. Deep wine-red, heavily margined deep black maroon; flowers are of

NEW DAHLIAS—Continued.

large size and fine form. The plant is also distinct, growing eight to ten feet high, and is beautiful and symmetrical; the foliage is very dark green edged purplish maroon, and beautifully serrated.

Snowclad. The finest white pompon Dahlia ever introduced, winning first prize over all others, and highly recommended by the judges for florists' purposes. The flowers are of perfect form, always full to the centre, and such a profuse bloomer as to suggest the name.

Wm. Agnew. This is that superb glowing red cactus Dahlia that received such marked attention the past year and is acknowledged to be the finest in the world. The flowers are of enormous size, growing six and one-half to eight inches in diameter; they are of beautiful form, always perfectly double, and are produced in endless quantities from June until frost. The grandest of all exhibition flowers.

Strong Clumps 50c. each. For \$2.50 we will send one each of above new prize winning Dahlias (seven in all), and a copy of the new book, "The Dahlia." (See description, page 40.)

NEW BEDDING ROSE

"Mosella." A fitting companion to Clothilde Souart, and much superior to that variety in shape of buds and the profusion of bloom. The habit of growth is the same, but the flowers of Mosella are white at the edge and chrome yellow in the centre. It has stood ten degrees below zero. Awarded first-class certificate by Pennsylvania Horticultural Society. Every garden should have some of these new roses, and if ordered in January the plants we sell will make good sized four-inch pot plants for blooming in May. Per doz. \$2.00, 100 \$10.00, six sold at dozen rates, 50 at 100 rates.

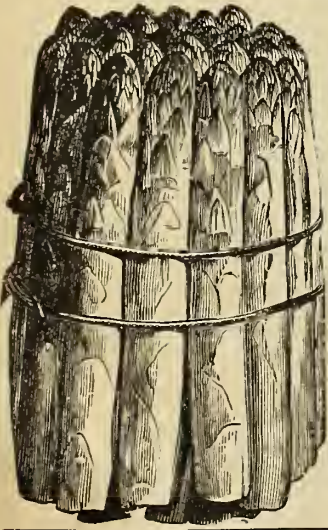
GENERAL LIST OF TESTED VEGETABLE SEEDS



Asparagus

Spargel (Ger.) Asperge (Fr.).
 One ounce will sow forty feet of drill, 15 lbs. to the acre.
 In early spring sow the seed, after soaking it twenty-four hours in warm water, in drills one foot apart, and one inch deep. The soil should be very rich and well worked. Later thin the plants to three or four inches apart in the rows and cultivate often thoroughly through the summer; transplant the following spring into permanent beds, deeply trenched and well mixed with decayed manure.
Canover's Colossal. The standard variety, of large size, tender and of excellent quality. Pkt. 5c., oz. 10c., 1 lb. 40c., 10 lbs. \$2.50.
Barr's Mammoth. Pkt. 5c., oz. 10c., 1 lb. 50c., 10 lbs. \$3.00.
Palmetto. An early, prolific and very desirable variety. Pkt. 5c., oz. 10c., 1 lb. 50c., 10 lbs. \$3.50.

Asparagus Roots



Two Year Old, Extra Healthy and Strong Roots.
 Plant two year old roots into permanent beds, which should be well and deeply manured and trenched to the depth of 18 inches. Set the plants in rows from 3 to 4 feet apart and two feet in the rows, spreading out the roots, and cover gradually during the season to 6 or 8 inches. On the approach of winter cover with manure or compost; fork the beds early in spring, and apply a dressing of salt at the rate of 600 lbs. an acre. Cut for use the second year after planting.
Palmetto or Eclipse. Per 100 80c., per 1000 \$5.00.
Columbian Mammoth White. Per 100 \$1.00, per 1000 \$6.00.
Conover's Colossal. Per 100 75c., per 1000, \$4.50, per 2000 \$8.00.
Barr's Mammoth. Per 100 80c., per 1000 \$5.00, 500 of one variety at 1000 rates.

Beets Runkel Rube (Ger.) Betterave (Fr.).

One ounce will sow fifty feet of drill, 5 lbs. per acre.

The soil best suited for beet culture is that which is rather light and well enriched. Sow in drills one foot apart and one inch deep, as early as the ground can be worked; when the plants are large enough thin out to stand six inches apart in rows; continue for a succession as late as the middle of July. Keep well cultivated.

Varieties for Table Use

- ✓ **Bastian's Extra Early Turnip.** The best beet for the market gardener and family use; very early, of quick, large growth, fine turnip form and bright red color; a good forcing variety. Pkt. 5c., oz. 10c., 1 lb. 50c.
- ✓ **Crosby's Egyptian.** An improved, perfectly smooth, Egyptian Beet. Much thicker than the original early, of better color and quality. Pkt. 5c., oz. 10c., 1/4 lb. 25c., 1 lb. 60c.
- ✓ **Carter's Excelsior.** A variety of superior quality; color of flesh is perfect, being fine grained with smooth skin and small tops. Pkt. 5c., oz. 10c., 1/4 lb. 20c., 1 lb. 75c.
- ✓ **Egyptian Turnip.** One of the earliest, of good quality, and of medium size; a fine forcing variety; small top. Pkt. 5c., oz. 10c., 1 lb. 50c., 5 lbs. for \$2.00.
- ✓ **Edmand's Blood Turnip.** An early variety, possessing good qualities; flesh dark red, sweet and of good flavor. Pkt. 5c., oz. 10c., 1 lb. 50c., 5 lbs. \$2.00.
- ✓ **Eclipse.** Remarkable for its rapid growth, extreme smallness of top and extra fine quality. Perfectly smooth and round, skin and flesh intense red. An excellent sort for forcing. Pkt. 5c., oz. 10c., 1 lb. 50c., 5 lbs. \$2.00.
- ✓ **Extra Early Bassano.** A very early flat variety, tender, juicy, flesh white and rose colored. Pkt. 5c., oz. 10c., 1 lb. 50c.
- ✓ **Lentz Turnip.** Of similar size and shape to the Bastian Turnip, top small, dark red and white, early and profitable for market growers. Pkt. 5c., oz. 10c., 1 lb. 50c., 5 lbs. \$2.00.
- ✓ **Bastian's Half-Long Blood.** A valuable variety to follow Bastian's Extra Early; for winter use plant about the middle of July. Pkt. 5c., oz. 10c., 1 lb. 50c., 5 lbs. \$2.00.
- ✓ **Improved Long Blood.** A good late variety for fall and winter use; sweet and tender. Pkt. 5c., oz. 10c., 1 lb. 50c.
- ✓ **Swiss Chard.** Grown for its leaves only; the middle of the leaf is served like Asparagus; the other portions of the leaf are used like Spinach. Pkt. 5c., oz. 10c., 1/4 lb. 20c., 1 lb. 60c.

Sugar and Cattle Beets

- ✓ **Improved Imperial White Sugar.** An improvement on the other varieties of Sugar Beets; more hardy and containing a greater percentage of sugar. Lb. 40c. 10 lbs. \$3.00.
 - ✓ **Lane's Improved White Sugar.** This sugar attains a large size and grows considerably above the ground; fine for feeding. Oz. 5c., 1 lb. 30c., 10 lbs. \$2.50.
- MANGEL-WURZEL.** (See next page.)

Artichoke (Ger.) ARTICHOKE Artichaut (Fr.).

Green Globe. Pkt. 5c., oz. 30c.
Jerusalem Artichoke Roots. This variety is not produced from seed. They are sometimes used as a table vegetable when picked, but their greatest value is for feeding stock. Qt. 15c., pk. \$1.00, bush. \$3.00.



23 lbs.
MICHELL'S
Mammoth Long Red
Mangel-Wurzel

We offer \$5.00 in 2 Prizes
for the best 6 Mangel-Wurzel Beets ex-
hibited at the Philadelphia Chrysanthem-
um Show in November, 1897.

BEET
Mangel-Wurzel

Five pounds are sown to the acre.

Sow in April and May in thoroughly plowed, well-manured soil, in drills two inches deep and about eighteen inches apart. Thin out to twelve inches and keep the weeds down by frequent hoeing and cultivating. Low ground is best adapted for mangel-wurzels.

Mammoth Long Red. This is an enormously productive variety, yielding from fifty to seventy tons to the acre, a single root often weighing from twenty to thirty pounds. It is the best long red mangel and very valuable for stock feeding. Oz., 5c., lb. 30c., 10 lb. lots, \$2.75.

Golden Tankard. The best yellow mangel in cultivation. Relished by milch cows and sheep. Maturing earlier than other large sorts. Oz. 5c., lb. 35c., 10 lb. lots, \$2.75.

Red Globe. Oz. 5c., lb. 35c., 10 lb. lots, \$2.75.

Yellow Globe. Oz. 5c., lb. 35c., 10 lb. lots, \$2.75.

Norbiton Giant. Large, small top, one of the best long red varieties. Oz. 5c., lb. 35c., 10 lb. lots, \$2.75.

Spargel-Kohl, (Ger.) **BROCCOLI** Chou Broccolis (Fr.).

Grange's Autumn White Cape. This is the best variety grown; can be grown where cauliflower is an uncertain crop. Pkt. 10c., oz. 40c., 1/4 lb. \$1.25, lb. \$4.00.



Bohne (Ger.) **BEANS** Haricot (Fr.).
One quart will plant about 200 hills or a drill 100 feet long.

DWARF OR SNAP SHORT

Plant soon as danger from frost is past, in light, warm soil, in drills two inches deep and two feet apart, three inches apart in the drill, or in hills three or four feet apart. Avoid cultivating when wet with rain or dew, as it will injure the crop; hoe often when dry. Plant every two weeks for succession.

GREEN POD VARIETIES

Improved Extra Early Red Valentine. One of the very best sorts for private use or market. The pods are round, fleshy, tender and remain longer in a green state than most varieties. Good for pickling. Pkt. 10c., qt. 25., pk. \$1.15, bush. \$4.00

Best of All. The pods are six inches long, very fleshy, succulent, and of rich flavor; produced early and abundantly. It is one of the most valuable green-podded beans for family use. Pkt. 10c., pt. 15c., qt. 30c.

Early Mohawk. The hardiest of the early varieties, and will endure a slight frost. Pkt. 10c., qt. 25c., pk. \$1.25, bush. \$4.00.

Early Long Yellow Six Weeks. A hardy and prolific variety, a good and reliable cropper. Pkt. 10c., qt. 25c., pk. \$1.25, bush. \$4.00.

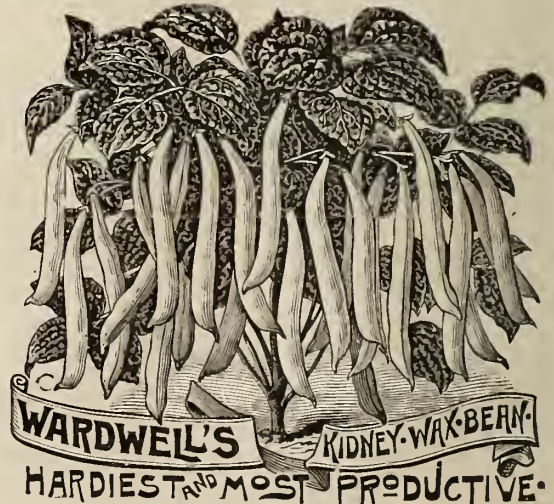
Boston Pea or Navy Bean. An excellent variety, very productive; for baking they excel all other sorts. Pkt. 10c., qt. 25., pk. \$1.25.

White Kidney or Royal Dwarf. Pkt. 10c., qt. 25c., pk. \$1.25, bush. \$4.00.

White Marrowfat. Extensively grown for sale as a dry bean for winter use. excellent shelled, either green or dry. Pkt. 10., qt. 25c., pk. \$1.00, bush. \$3.50.

Sion House (forcing). Qt. 50c.

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WARDWELL'S EARLY KIDNEY WAX

One of the earliest of all Wax Beans. It is nearly a week earlier than the Golden Wax, and yields one-third more, almost entirely free from rust and spots. The pods are long and very tender, stringless, of excellent quality. Pkt. 10c., qt. 30c., pk. \$1.25, bush. \$4.50.

BEANS, Wax or Yellow Pod—Continued.

Dwarf Golden Wax. (Rust Proof.) Very early and productive, of excellent quality, and entirely free from rust, besides being very crisp and tender and keeps longer than any other after picking, which renders it valuable for distant shipping. Pkt. 10c., qt. 25c., pk. \$1.25., bush. \$4.50.

Black or German Wax. Pkt. 10c., qt. 25c., pk. \$1.25.

White Wax. Pods delicate, waxy white, half transparent. Pkt. 10c., qt. 30c., pk. \$1.25.

Saddle-Back Wax. A cross between the Yosemite Wax and the Black-Eyed Wax, pod large, long, round, very solid and absolutely stringless; an excellent variety. Pkt. 10c., qt. 30c., pk. \$1.50.

Perfection Wax. Developed from the Scarlet Flageolet Dwarf Wax, perfected by eight years' careful selection. For vigor of growth and immense productiveness it is scarcely equalled by any other Dwarf Wax Bean. The magnificent, large, golden-yellow pods are handsome, stringless, tender, and of very rich flavor. Pkt. 10c., qt. 35c.

Pole Beans

Plant in hills four feet apart, six to eight beans to hill, eyes downward, afterward thin to three plants in a hill. Set poles eight to ten feet high before planting.

Early Golden Cluster Wax. Pods very tender, six to eight inches long, of large size, borne profusely in large clusters of three to six; beautiful golden-yellow color, which they retain long after being picked. Snaps easily, is stringless, cooks tender, delicious flavor. Pkt. 10c., qt. 40c.

Lazy Wife's. Pkt. 10c., pt. 35c., qt. 60c.

Horticultural or Speckled Cranberry. Pkt. 10c., pt. 15c., qt. 30c., pk. \$2.00.

Scarlet Runner. Pkt. 10c. qt. 30c.

English or Broad Windsor Beans

Used only as shelled beans. Plant in strong, heavy soil, in drills three feet apart and two inches deep. Pkt. 10c., qt. 30c.



Burpee's Bush Lima.

LIMA BEANS

These are more tender and require rather more care in culture than the Bush Beans, and should be sown two weeks later. They succeed best in sandy loam, which should be liberally enriched with short manure in the hills, which are formed, according to the variety, from three to four feet apart; from 5 to 6 seeds are planted in each hill about two inches deep. Rough cedar or similar poles, about seven or eight feet long, should be used for Lima Beans to climb on. They should be set in the ground at least eighteen inches, so as to prevent being blown over.

Stangen Bohne (Ger.). **Pole Varieties** Haricots A Rames (Fr.).

One quart will plant 150 hills.

Ford's Mammoth Podded Large. The most valuable and prolific variety. Pods six to nine inches long; seed grown from original stock. Pkt. 10c., qt. 40c.

LIMA BEANS—Continued.

Michell's Selected Large Jersey.

Has proven exceedingly satisfactory; beans are very tender and luscious. An extra selection of seed stock; large fine beans, all hand-picked. Pkt. 10c., qt. 30c., pk. \$2.00.

King of the Garden. Vigorous grower, requiring but two vines to each pole, producing a continuous bloom and fruitage to extreme end of season. Pods are of enormous size, many specimens measuring from five to eight inches, producing as high as six beans to the pod, perfectly formed and of superior quality. Pkt. 10c., qt. 35c., pk. \$2.00, bush. \$7.00.

Dreer's Improved. Earlier and more prolific than Large Lima; beans smaller, extra quality. Pkt. 10c., qt. 35c., pk. \$2.00.

Extra Early Jersey. Two weeks earlier than Large Lima, which is of great advantage to gardeners. Pkt. 10c., qt. 40c., pk. \$2.00.

Small Lima or Sieva. The earliest of the Limas. A prolific bearer, beans small, but of good quality. Pkt. 10c., qt. 30c., pk. \$1.75.

Horticultural Lima. A new variety of the highest merit. It is a cross between Dreer's Pole Lima and Dwarf Horticultural, combining the excellent quality of the Dreer Lima with the earliness, hardiness and flavor of the Horticultural, being fully three weeks earlier than any other Lima. Pkt. 10c., pt. 20c., qt. 40c., pk. \$2.50.

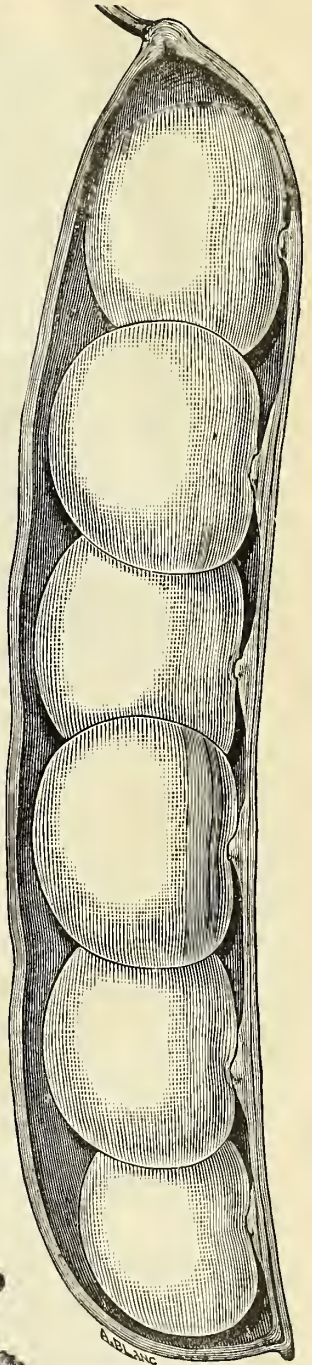
Early Black Lima. Pkt. 10c., qt. 40c.

Dwarf or Bush Lima

Dreer's Bush Lima. A splendid variety. Pkt. 10c., pt. 20c., qt. 40c., pk. \$2.50.

Henderson's Bush Lima. The earliest of all Limas. Pkt. 10c., qt. 30c.

Burpee's Bush Lima. The only bush form of the true Large Lima Bean, comes absolutely true from seed. Pkt. 10c., pt. 20c., qt. 40c. 2 qts. 75c.



Michell's Selected Large Jersey Lima.

Brussels Sprouts

Brusseler Sprossen (Ger.). Chou De Bruxelles (Fr.).

Produces small heads from side of stalk, which are in perfection for use in autumn after early frosts. Sow in May, transplant in June one foot apart each way and cultivate like winter cabbage. A most delicious vegetable very easily grown.

Matchless Improved. The very best strain. Pkt. 5c., oz. 20c., 1/4 lb. 50c.

Cabbage Plants

Early Sorts. All the leading varieties ready April 1st. 100 40c., 1000 \$3.00.

Late Sorts. Ready July 1st. 100 30c., 1000 \$2.00.

SPECIAL PRICES ON LARGE QUANTITIES.

Carrot

Mohre (Ger.).

Carotte (Fr.).

One ounce to 100 feet of drill, three pounds to the acre.

A light sandy loam, well tilled and manured the previous year best suits the carrot; for early crops sow as early as the ground can be worked, in drills ten inches apart, and thin to five inches in the row.

Very Early Short-Horn Scarlet or French Forcing.

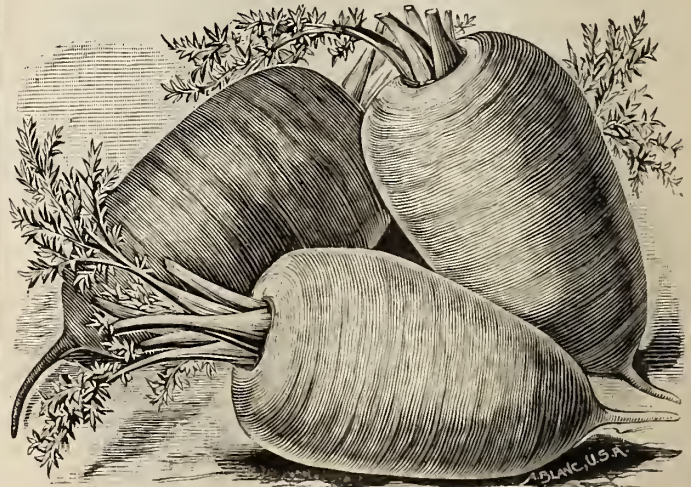
An early forcing variety; small root and excellent flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Early Scarlet Horn. The favorite early red variety, fine grained and good flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

Early Half-Long Scarlet. A very desirable pointed-root variety, coming in between the Scarlet Horn and the Long Orange; early, of fine flavor and good color. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Danvers Half-Long. The best variety for general crop; is of rich orange color, a very heavy yielder and splendid keeper; a first-class Carrot for all soils, and valuable both for table use and stock. We have an extra fine strain of seed of this favorite sort. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

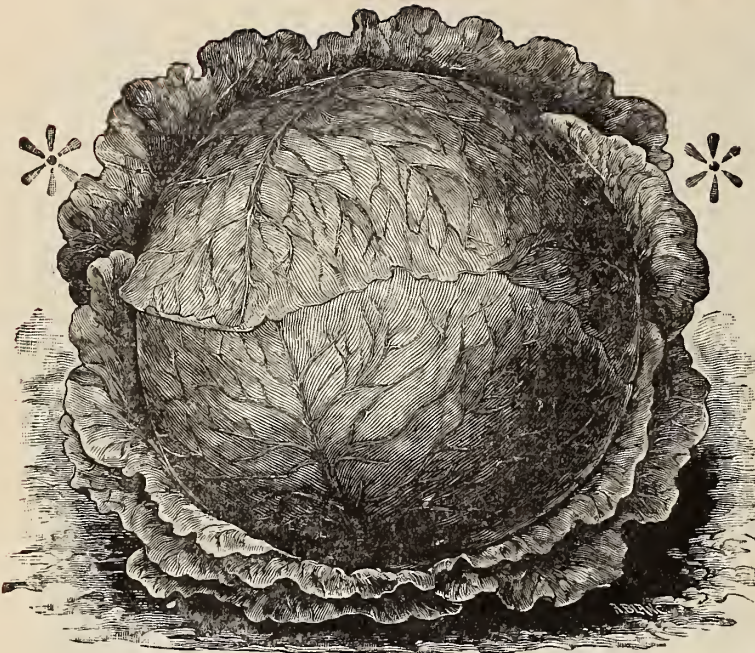
New Rubicon Half-Long. An entirely distinct Carrot. It is the best in shape, and its deep red orange-colored flesh is the finest in quality of all. It is earlier than the Danvers and about the same length; extremely well adapted for early forcing, for growing outside at any season of the year, being a wonderfully heavy cropper on any kind of soil. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.



Guerrande or Oxheart. A desirable variety on soils too hard and stiff for the longer growing sorts, as it is not over five or six inches long. It frequently grows as thick as long, thus making it really as large as the longer sorts. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

Chantenay Half-Long. Resembles the Nantes; very productive. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 85c.

Improved Long Orange. Deep orange color, good flavor, yields heavily; is of excellent table quality, and is also the best for stock. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c., 5 lb. lots 60c. lb.



Extra Selected Late Flat Dutch Cabbage.

Cabbage

Kopfkohl (Ger.).

Chou Pomme ou Cabus (Fr.).

One ounce will produce about 2000 plants. Our Cabbage seed is all grown from selected heads only, by a specialist on Long Island.

The requirements for a good crop are rich soil, deep plowing, high manuring and good seed. Sow seeds in January or February in hotbeds, and transplant latter part of April or early in May to open ground, or an early sowing in open ground is the custom. Set the plants in rows two feet apart, and 12 to 18 inches apart in the row. For second early sow in April and transplant in May. For late crop sow in May and transplant in July, setting plants in rows three feet apart and two feet in rows.

Early Jersey Wakefield. A favorite market gardeners' variety, very early, following the Oxheart, of good size and quality and always sure to head; extra fine selected stock, Pkt. 10c., oz. 25c., lb. \$2.00.

Large Jersey Wakefield. Selected, large solid heads, of good quality, about one week later than Early Jersey Wakefield. Pkt. 10 cts., oz. 25 cts., lb. \$2.50.

Early Winningstadt. A solid tender variety, good for either early or late. Pkt. 5c., oz. 20c., lb. \$2.00.

All Head Early. Large and solid and always certain to make hard heads. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Henderson's Early Summer. A second early variety, with large solid heads, coming in a few days later than the Wakefield. Pkt. 10c., oz. 25c., lb. \$2.00.

Early Drumhead. A favorite with the market gardeners; a second early, large, solid, flat-heading variety, grown with great care for that trade. Pkt. 10c., oz. 30c., lb. \$3.00.

All Seasons Selected. A new drumhead variety, producing good sized heads, of superior richness of flavor, desirable either for early spring or fall use; a good winter keeper. Pkt. 10c., oz. 25c., lb. \$2.00.

Extra Selected Late Flat Dutch. The favorite Philadelphia winter market variety, short stem and large solid flat heads; superior stock. Pkt. 5c., oz. 20c., lb. \$1.50.

Large Late Drumhead. A favorite winter variety with market gardeners; extra large solid heads. Pkt. 5c., oz. 20c., lb. \$1.50.

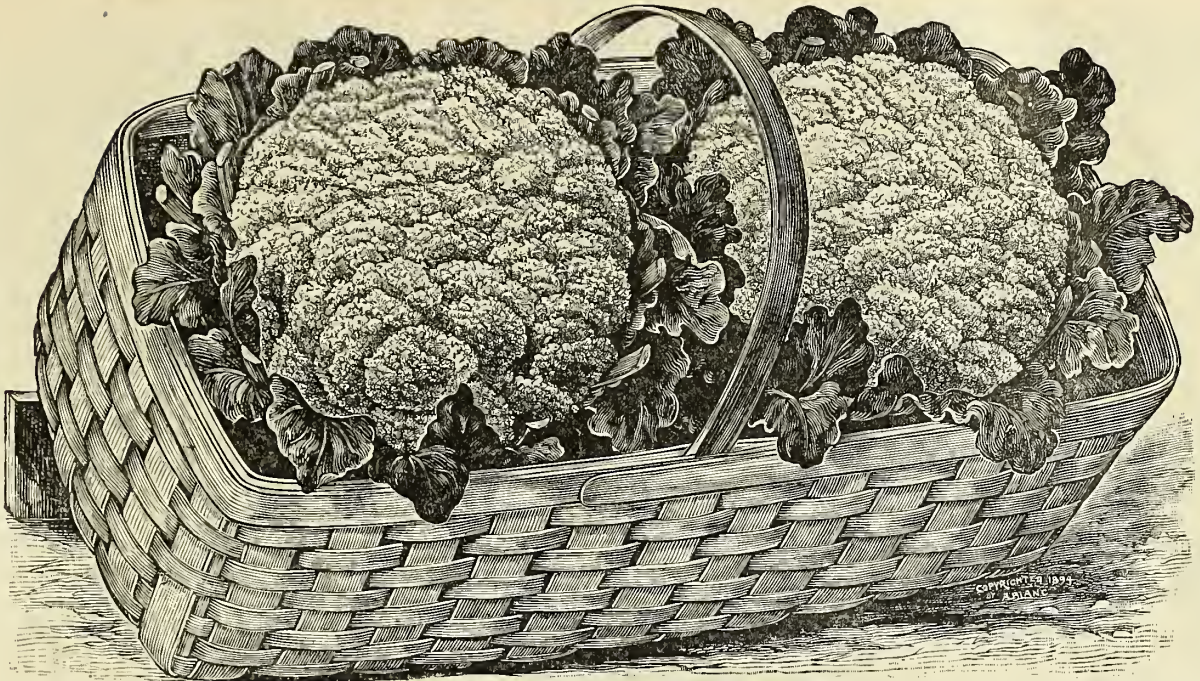
Perfection Curled Drumhead Savoy. American-grown seed of superior quality; the largest solid heading curled sort, of excellent flavor, with the richness of the cauliflower. Pkt. 5c., oz. 25c., lb. \$2.00.

Red Dutch Drumhead. A large red-heading variety for pickling. Pkt. 5c., oz. 20c., lb. \$2.00.

We offer \$5.00 in Two Prizes for the best Six Heads of Cabbage exhibited at the Philadelphia Chrysanthemum Show in Nov. 1897.

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Mitchell's Special Strain Selected Erfurt Cauliflower.

We offer \$5.00 in Two Prizes for the best Three Heads of Cauliflower exhibited at the Philadelphia Chrysanthemum Show in November, 1897.

CAULIFLOWER

Blumen-Kohl (Ger.).

Chou-Fleur (Fr.).

One ounce produces about 1500 plants.

Sow for early use about the middle of September or October, in a bed of rich earth, transplant in frames and cover with sashes and shutters during severe weather, giving them the light and air every mild day, or they may be had nearly as well by sowing the seed in a hotbed in January or February; when the plants are large enough, transplant three inches apart in boxes or in other hotbed until time to plant out; if hardened off, they are seldom injured by planting out as early as ground can be properly prepared, two and a half feet apart each way; keep well hoed, and bring earth gradually up to their stems, watering freely in dry weather, and especially when they begin to head.

Mitchell's Special Strain, Selected Erfurt. One of the earliest in cultivation, small-leaved dwarf, for forcing or open ground, producing very solid, pure white heads of the finest quality; ordinary seasons every plant will produce a marketable head. Pkt. 20c., 3 pkts. 50c., oz. \$2.50.

Earliest Snow Storm. Earliest and best for forcing; dwarf, with short outer leaves, can be planted two feet apart each way; sure to make large fine heads; must be kept growing constantly, will not stand a check at any period of its growth. Pkt. 25c., oz. \$5.00.

Early Snowball. A splendid early dwarf variety, producing magnificent white heads. Pkt. 20c., oz. \$3.00.

Half Early Paris. A popular, white, sure heading variety, good for early or late use. Pkt. 10c., oz. 60c.

Lenormand's Short Stem. A large, late short-stemmed variety, with well formed white heads. Pkt. 10c., oz. 50c.

Veitch's Autumn Giant. One of the finest late varieties of robust habit, heads large, compact. Pkt. 10c., oz. 50c.

Cauliflower, New Belgian "Eclipse"

Pronounced to be the best sort for Outdoor growing and very good for forcing in temperature of about 65°.

We control the whole seed stock of this variety. Pkt. 25c. 5 pkts. \$1.00, 15 pkts. \$2.50.

Cauliflower Plants

Best varieties ready April 1st. Hotbed grown. Doz. 25c., 100 \$1.25.



Kresse (Ger.). **CRESS** Cresson (Fr.).

Sow thickly in early spring in drills one foot apart, and follow every two weeks with a new sowing as it quickly runs to seed. Water-cress should be sown along the margin of ditches, ponds, or better still, of slow running streams. It requires no care except to free it at first from weeds.

Extra Curled or Pepper Grass. Fine flavor, can be cut several times. Pkt. 5c., oz. 10c., lb. 50c. **Upland Cress.** Perennial, grown in the same manner as spinach; resembles water-cress in flavor. Pkt. 10c., oz. 50c.

Brunnenkresse (Ger.). WATER-CRESS Cresson de Fontaine (Fr.).

The pleasant and peculiar flavor of the water-cress, and also the hygienic properties have caused it to be highly esteemed for table use. Its culture can be carried on anywhere where there is sufficient supply of fresh, pure water; it is not even necessary it should be running water; it can be renewed often



Water Cress.



Corn Salad.

enough to keep it clean and pure. It can be grown without water even, in tubs half filled with good soil and kept in a moist, shady position with an occasional watering. **True Erfurt.** Pkt. 10c., oz. 40c., lb. \$3.50.

Acker Salat (Ger.). CORN SALAD Mache (Fr.).

For early spring use sow the seed in September thickly in drills quarter-inch deep. Protect with litter when cold weather comes and winter over like spinach. One ounce will sow 35 feet of row. **Large Round Leaved.** Pkt. 5c., oz. 10c., lb. 50c.

CHICORY

Large Rooted. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 80c.

Gartenkerbel (Ger.). CHERVIL Cerfeuil (Fr.).

Curled or Doubled. Pkt. 5c., oz. 20c., lb. \$2.00.



CELERY PLANTS

All the leading sorts ready July 1st. Per 100, 50c., 1000, \$3.50

Celery

Sellerie (Ger.).

Celeri (Fr.).

One ounce of seed will produce about 2000 plants.

Sow the seed late in March, or early in April, on fine, well-worked soil. Cover slightly, or better still, roll or press it. Shade the young plants for a week or ten days, and do not let the soil dry out. Cut them once or twice before setting out to make them stocky. When from four to six inches high transplant into broad shallow trenches or to level ground, setting dwarf sorts in rows three feet apart, and tall sorts four feet apart, six inches apart in the rows. To store for winter use select well drained ground, dig trenches one foot wide and deep enough to cover tops of plants. Pack stalks in this in an upright position, covering with boards to shed the water, and in severe weather protect with straw or leaves.

Smith's Perfection Half Dwarf. This extra strain is the finest for private or market gardeners. Very large and solid, with a full golden heart; when matured the heart bursts through the outer stalks, and is of a nutty flavor. The very best late keeper. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 80c., lb. \$3.00.

Perle Le Grand. The most remarkable novelty in celery obtained since the introduction of Golden Self-Blanching. Handsome form, stocky, robust and close habit. Its beautiful, full golden heart and rich nutty flavor are unapproached by any other variety. It is not only a good early celery, being among the first fit to use, but surpasses all others as a winter keeper, remaining, when properly trenched, in perfect condition into the spring, when all other varieties are done. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

Carter's Ivory. Rich nutty flavor. Pkt. 10c., oz. 30c.

Improved Dwarf Golden Heart. Heart large and full, of a golden yellow, excellent for either market or private use; solid, of excellent flavor, and keeps well. Pkt. 5c., oz. 25c., lb. \$2.00.

Giant Pascal. A superior keeping sort. The stalks are very large, thick, solid, crisp, and of a rich nutty flavor. The heart is golden yellow, very full and attractive in appearance. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Boston Market. A short, bushy, white, solid, excellent flavored variety, constantly in demand. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

White Plume, Improved. (True Stock.) The best for early use, crisp, solid, nutty flavor. Pkt. 10c., oz. 25c., lb. \$3.00.

Dilks' Many-Hearted. Very distinct in appearance. Four stalks in a bunch weigh thirteen pounds, a splendid keeper and seller, especially adapted to light or poor ground where other varieties could not be grown. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Golden Self-Blanching. Compact, large, solid, crisp, and of a nutty flavor, with a rich golden heart. Pkt. 10c., oz. 30c., lb. \$3.50.

Red Solid or Rose. Pkt. 5c., oz. 25c.

Henderson's "Pink Plume." Very solid and crisp, extra early and a long keeper. A self-blanching variety, and requires but a slight earthing-up or banking. Pkt. 10c., oz. 40c.

Heartwell Perfection. Pkt. 5c., oz. 20c., lb. \$2.00.

Celeriac, or Turnip-Rooted. Large, early Erfurt variety. The root cooked or sliced and used with vinegar, makes an excellent salad. Pkt. 5c., oz. 20c., lb. \$2.00.

Soup or Flavoring Celery. Used for soups, stews, etc., and not for sowing. Oz. 5c., lb. 30c.

We offer \$5.00 in 2 Prizes for the best 12 Stalks of Celery of any named variety or varieties exhibited at the Philadelphia Chrysanthemum Show in November, 1897.

Cucumber

Gurke (Ger.).

Concombre (Fr.).

One ounce of seed will plant about fifty hills, or two pounds per acre.

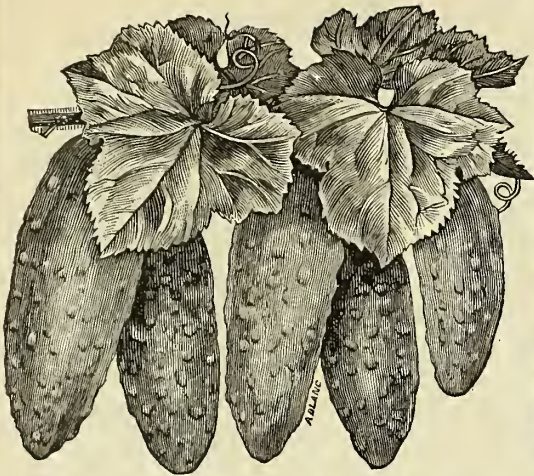
For early use sow in hothouse on small sods overturned, or in small pots plunged in earth. As soon as danger from frost is over, transplant with sod, so as not to disturb the plants, into hills in the open ground. For general crop sow from about the first to the middle of May in rich, mellow, warm soil. Use a shovelful of well-rotted manure in each hill and cover it two inches deep with fine earth. On this sow the seed, about eight or ten seeds to a hill; cover one-half inch with earth and press down. When danger from bugs is past thin out to four plants to a hill. For pickles, plant from June to middle of July.

Livingston's Evergreen. Very hardy and probably the most prolific of all varieties. Very early, and the cucumbers retain their beautiful green color longer than any other sort. It is one of the very best varieties for slicing. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.

Early Russian. The earliest variety; the fruit is of small size and produced in pairs. Pkt. 5c., oz. 10c. lb. 75c.

Early Frame. A good old popular variety, of medium size. Pkt. 5c., oz. 10c., lb. 75c.

[CUCUMBER continued on next page.]

**CUCUMBER—Continued.**

Improved Early White-spined. The favorite market variety, largely used for forcing, and extensively grown South for shipping North early in the season; of medium large size, deep green, crisp, fine flavor, and very productive. Pkt. 5c., oz. 10c., lb. 60c.

Everbearing. Pkt. 5c., oz. 10c., lb. 60c.

Tailby's Hybrid. A variety hybridized with the White-spined and English prize, retaining the beauty of the Long English and hardness of the White-spined; of large size and excellent for slicing; splendid forcing variety. Pkt. 5c., oz. 10c., lb. 75c.

Jersey Pickle, or Green Prolific. One of the best pickling varieties; dark green, tender, crisp, and great productiveness, of fine flavor, and good for table use. Pkt. 5c., oz. 10c., lb. 60c.

Long Green Turkey. The leading long green variety for pickling; of excellent quality and productiveness, fruit dark green, firm and crisp; can be gathered any size while young for pickles. Pkt. 5c., oz. 10c., lb. 60c.

Small Gherkin or Burr. Also known as the West India or Jerusalem Pickle; used only for pickling while young and tender. Pkt. 5c., oz. 20c., lb. \$1.00.

We offer \$5.00 in Two Prizes for the best Three Hot-house Cucumbers exhibited at the Philadelphia Chrysanthemum Show in Nov. 1897.

English Prize Forcing Cucumber

Sow the seeds in small pots about the middle of January; when they have grown to three leaves plant in a prepared hill of rich, loose soil in the centre of a sash.

Blue Gown. Tender and True.
Pearson's Long Gun. Sion House Improved.
Telegraph. Marquis of Lorne.

Any of above at 25c. pkt., 5 pkts. for \$1.00.

November 11, 1896.

The Forcing Cucumber seed I received from you have done remarkably well, the vines are now hanging thick, measuring from 18 to 24 inches. Also the hot-house tomatoes I am very much pleased with. I expect to pick lots of tomatoes for thanksgiving.

C. H. RONEY,
Gardener to James Boyd, Esq., Harrisburg, Pa.

CORN—Field Varieties

Early Yellow Canada, or Flint. Qt. 15c., bush. \$1.50.

Cloud's Early Yellow Dent. Qt. 15c., bush. \$1.50.

Chester County Mammoth. Qt. 15c., pk. 50c., bush. \$1.50.

The 100-day Bristol. The largest eared, earliest yellow Dent corn in cultivation. Qt. 20c., pk. 50c., bush. \$1.50.

Golden Beauty, Improved. The best and most productive, having extra large, broad golden grains and good sized ear. Qt. 15c., bush. \$1.50.

Leaming Early Dent. Qt. 15c., bush. \$1.50.

Hickory King. A White Dent Field Corn. The stalks are strong and bear two and occasionally three ears; the cob is remarkably small. Very productive. Qt. 15c., pk. 50c., bush. \$1.75.

Blount's Prolific White Ensilage. This variety bears 4 to 6 ears per stalk, grain plump and white; it is very productive, and is also considered the best variety for making ensilage. Qt. 15c., pk. 50c., bush. \$1.75.

Pop Corn

Golden Queen. Lb. 10c., 3 lbs. 25c., 100 lbs. \$5.00.

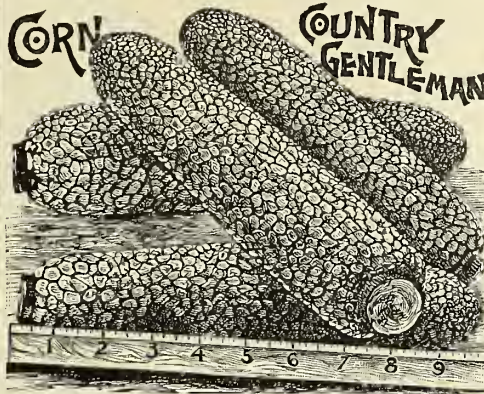
White Rice. Lb. 10c., 3 lbs. 25c., 100 lbs. \$5.00.

SWEET OR SUGAR CORN

Zuckerkorn (Ger.).

One quart will plant 100 hills, 8 quarts to the acre.

Mais (Fr.).



Make the first planting about May 1st, and sow every two weeks thereafter until the middle of July for succession. Plant in hills from three to four feet apart according to size or variety.

Our Sugar Corn is grown by the most reliable grower in the Connecticut Valley and can be relied on.

Improved First of All. The very earliest sweet corn. Pkt. 5c., qt. 20c., pk. \$1.00.

Michell's Delicious. Unrivalled in flavor and sweetness. Pkt. 10c., pt. 20c., qt. 35c.

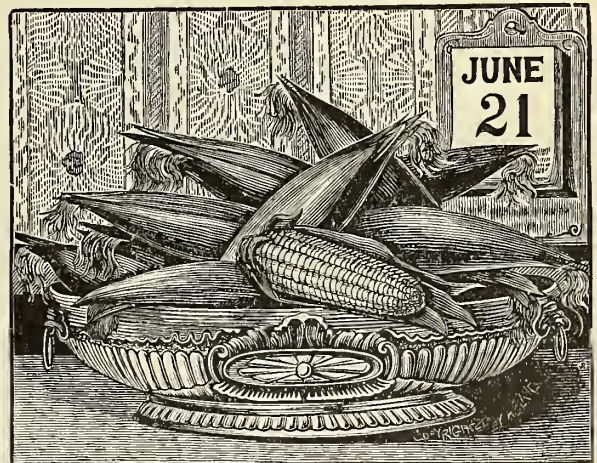
Adam's Extra Early. The earliest variety for table use. Pkt. 5c., qt. 15c., pk. \$1.00., bu. \$3.00.

Kendel's Early Giant (*See Novelties*). Per qt. 30c., 4 qts. \$1.00.

Crosby's Extra Early. A favorite variety, very early, productive, ears rather short, and of a rich sugary flavor. Pkt. 5c., qt. 20c., pk. \$1.00.

Early Eight-rowed. Qt. 20c., pk. \$1.00.

Stabler's Extra Early. Of larger size than usual for the early kinds; fine flavor. Pkt. 5c., qt. 20c., pk. \$1.00, bush. \$4.00



Early Mammoth Qt. 20c., Pk. \$1.00.

Squantum. An excellent early variety of the finest quality for table, fine large ears and deep grain. Qt. 20c., Peck \$1.00.

Triumph. Ear large, productive, flavor rich and sweet; a fine market variety. Pkt. 5c., qt. 20c., peck \$1.00, bush \$4.00.

Little Gem, or Shoe Peg. Pkt. 5c., qt. 20c., peck \$1.00.

Black Mexican. Pkt. 5c., qt. 20c., peck \$1.00.

Stabler's Nonpariel. The second best early corn. It has the most desirable qualities of any sweet corn, yields large ears, delicious flavor. Pkt. 5c., qt. 20c., peck \$1.00. bush. \$3.00.

New England. Qt. 20c., Pk. \$1.00.

Country Gentleman. Will delight the most fastidious epicure, retaining its delicate tenderness and flavor even when a little old. The ears are not only of good size, but are produced in great abundance frequently bearing four good ears, while the average is three good ears to the stalk. The cob is very small, giving great depth to the kernels, but the great merit is its delicious quality. Pkt. 5c., qt. 20c., 4 qts. 70c.

Roslyn Hybrid. A medium late variety will yield a heavy crop, producing a large ear, very sweet and delicious. Ear 10c., pkt. 5c., qt. 20c., pk. \$1.00, bush. \$3.00.

Egyptian. A fine large variety somewhat resembling the Evergreen; flavor peculiarly rich and sweet. Pkt. 10c., qt. 20c., pk. \$1.00.

Mammoth Sugar. The largest late sort, very productive, of fine flavor. Pkt. 5c., qt. 20c., pk. \$1.00, bush. \$3.00.

Stowell's Evergreen. One of the sweetest, ears large, deep grained, of excellent quality, remaining green longer than any other variety. Pkt. 5c., qt. 20c., pk. \$1.00, bush. \$3.00.

Dandelion

The seed should be sown early in the spring in drills twelve inches apart, about one-quarter of an inch deep, thin out to six inches in the drills; the following spring it will be fit for use.

Thick-Leaved or Cabbaging. This variety is double the size of the common. Pkt. 10c., oz. 40c., lb. \$2.50.

Endivien (Ger.) **Endive** Chicomore Endive (Fr.).

Sow one ounce for fifty feet.

For early use sow about the middle of April; but for the main crop in June or July in shallow drills; when two or three inches high transplant to one foot each way; when full grown blanch the inner leaves by tying up the outer ones at the top, but tie up only when the leaves are dry; keeps only a short time after blanching.

Improved Green Curled. An improvement on the old Green Curled variety. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

White Curled (self-blanching). This is the finest White Curled variety, grows to a large size, always crisp and very tender. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Broad-Leaved Batavian. Leaves broad, light green, nearly plain; used in stews and soups. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Giant Fringed (Oyster Endive). A strong growing variety with a large white heart and broad stems; good for fall and winter. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Knoblauch (Ger.) **Garlic Sets** Ail (Fr.).

Per lb. 30c.

Hop Vine Roots

Ready in April. Per doz. 50c., per 100 \$2.50.

Herbs

Anise Seed. Pkt. 5c., oz. 10c.

Borage. For bees. Pkt. 5c., oz. 15c.

Caraway. Perennial. Pkt. 5c., oz. 10c.

Coriander. Pkt. 5c., oz. 10c. [lb. 60c.

Dill. Pkt. 5c., oz. 10c., lb. 75c.

Fennel. Perennial. Pkt. 5c.

Hop. Perennial. Pkt. 10c.

Horehound. Perennial. Pkt. 5c., oz. 30c.

Lavender. Perennial. Pkt. 5c., oz. 20c.

Pot Marigold. Pkt. 5c.

Rosemary. Perennial. Pkt. 5c., oz. 30c.

Saffron. Pkt. 5c., oz. 15c.

Sage. Pkt. 5c., oz. 15c., lb. \$1.50.

Summer Savoy. Pkt. 5c., oz. 15c., lb. \$2.00.

Sweet Basil. Pkt. 5c., oz. 20c., lb. \$2.00.

White Marjoram. Pkt. 5c., oz. 20c., lb. \$2.00.

Thyme. Perennial. Pkt. 5c., oz. 30c.

lb. \$3.50.

Wormwood. Perennial. Pkt. 5c., oz. 30c.



Horse Radish.

Horse Radish Roots

Extra strong roots will produce large size radish the first season, Per doz. 15c., per 100 50c., per 1000 \$4.00.

Special prices on larger quantities.

Michell's Selected New York Improved



Michell's Selected Stock New York Improved Large Purple Egg Plant.

Eierpflanze (Ger.).

Egg Plant

Aubergine (Fr.).

One ounce of seed will produce about 1000 plants. Grown by a specialist in New Jersey.

Sow the seed in a hotbed in March or April, when about three inches high pot the plants and plunge in earth; transplant in open ground in May or June according to the warmth of the season. Uniform heat is essential to this plant, and it rarely recovers from the least chill in its early growth. Set out according to richness of soil, two or three feet apart each way.

Michell's New York Improved Large Purple. The leading variety; large, round, dark purple, most productive variety. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 75c.

Early Long Purple. The earliest and hardiest, very productive. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Black Pekin. Pkt. 10c., oz. 30c.

Egg Plants

Ready May 15th.

New York Improved. True and pure. Pot grown per doz. 60c.; hotbed grown, per doz. 35c.; per 100, \$2.50.

Winter Kohl (Ger.) **Kale or Borecole** Chou-Verts (Fr.).

They are more hardy than cabbage, and are improved by frost, but the time and manner of sowing, and the culture are identical with cabbage.

Dwarf Green Curled. Very hardy, leaves numerous, frilled and of excellent quality. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20, lb. 75c.

New Imperial, or Long Standing. A beautiful curled and crimped sort, selected by a Philadelphia market gardener; of strong, vigorous habit, perfectly hardy, bright green color and very attractive in appearance. It is superior to all other sorts, and will stand longer without shooting to seed than any other variety. Height about two feet. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Tall Purple Scotch. Finely curled, one of the best sorts. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Knoll Kohl (Ger.) **Kohl=Rabi** Chou-Raves (Fr.).

For early use sow in hotbed, transplant and cultivate like early cabbage. For winter use sow the middle of June or first of July in rows, eighteen inches apart, thin out to eight inches in the row.

Early White Vienna. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Early Purple Vienna. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Martynia

Proboscidea. The seed pods are used to a considerable extent for pickling when gathered green and tender. Sow in the open ground in May, and transplant two feet apart. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.



Lattich (Ger.) **Lettuce** Laitue (Fr.).

One ounce for 150 feet of drill, or 1000 plants.

Lettuce thrives best in rich, moist ground. For the principal early crop sow the seed in September in the open ground; transplant when large enough into cold frames, and protect the plants during the winter in the same manner as early cabbage; set the plants out early in April, or sow the seed in hotbeds in February or March, and transplant to a southern exposure. Always thin out well or the plants will not head. When wanted as a cut salad sow the seed thickly in rows or broadcast.

We offer \$5.00 in Two Prizes for the best Six Heads of Lettuce exhibited at the Philadelphia Chrysanthemum Show, Nov. 1897.

Asparagus Lettuce. Of the Paris Cos. type, the midribs are prepared and served up in the same manner as Asparagus. Pkt. 10c., oz. 25c.

Big Boston. It is about one week later in maturing, but its solidity and greater size of head will make it a most valuable sort. A most desirable variety either for forcing in cold frames or open ground planting. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Black Seeded Simpson. Produces a compact mass of leaves, nearly double the size of the ordinary Simpson, standing well the summer heat. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Boston Market. White seed. Hardy and crisp; earliest heading variety; one of the best for forcing. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

LETTUCE—Continued.

California Cream Butter. Most refreshing in appearance and particularly rich and buttery to the taste. The heads are of good size. It is medium early and one of the best summer varieties. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Defiance. One of the very best Lettuces. Of fine quality, crisp and tender, and remains in prime condition a long time before going to seed. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c.

Denver Market Forcing. A very good curled sort, produces good size, solid heads. Pkt. 5c., oz. 15c., lb. \$1.25.

Early Cabbage or White Butter. A favorite for sowing in the spring or fall, nearly hardy, requires only a slight protection; produces fine well-formed heads. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.00.

Early Curled Simpson. Does not head, but forms a close, compact mass of leaves; very early, excellent for forcing. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Early Tennisball. Black seed. Forms a close, hard head, the best forcing sort. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Forcing Emperor (True). A medium-sized, compact-growing, very early variety; very crisp and tender and unequalled for forcing. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Golden Queen. A very desirable early variety, second to none for forcing. At first glance it seems to be of medium size; but it forms all solid heads with little or no waste, so that there is really more to it than in many Lettuces double the size. Very crisp, tender and juicy. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Grand Rapids Forcing. An excellent variety, grown most extensively in the West, but has given the best satisfaction wherever grown; does not produce a hard head. Pkt. 5c., oz. 15c., lb. \$1.25.

Hanson Improved Hard Head. A superior curled beading variety. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Iceberg. Quick grower, hard, handsome heads, exquisite in flavor, there is no handsomer or more solid Cabbage Lettuce in cultivation — in fact, it is strikingly beautiful. The large, curly leaves which cover the outside of the solid heads are of a bright light green with



Extra Selected Nichell's Best Dutch Butter Lettuce.

a very slight reddish tinge at the edges. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Kingsholm or Paris Cos. Romaine or Celery. Long upright heads of narrow leaves, which are tied at the top, making it crisp and refreshing, withstanding the summer heat. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Royal Cabbage or Summer Drumhead. A standard summer variety. Pkt. 5c., oz. 15c., lb. \$1.25.

Salamander. Summer variety, forming good-sized heads. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Sensation. Many hundred letters have been received from gardeners, who all agree in pronouncing it the best they have ever grown in open ground during the hottest summer months. Beautiful light yellowish green color, of very superior even quality. Forms solid heads. Shy seeder. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Silver Ball Improved. Excellent for summer; very firm and compact; rich flavor. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.25.

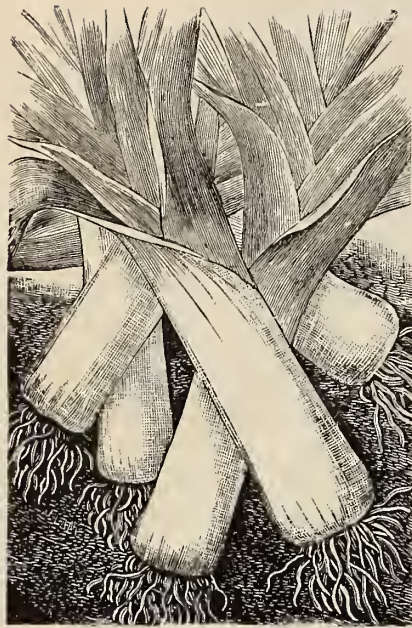
Spotted Early Dutch Butter (Michell's). Producing fine large heads of excellent quality, and one of the best forcing and market sorts; stands the heat well in summer. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

White Russian Summer. One of the best sorts to withstand the extreme heat of our long, hot summer months. It is not a forcing variety, but one of the best for open ground, forms a very large, solid head, of the finest quality. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00., lb. \$3.50.

LETTUCE PLANTS

Ready in April

Best heading varieties. Per 100 50c.



Large Musselburgh Leek.

Leek

Lauch (Ger.).

Poireau (Fr.).

One ounce to 100 feet.

Plant the seed in April, in drills one foot apart and one inch deep. When six or eight inches high, remove the plants to deep, rich soil, setting them in rows twelve to fifteen inches apart in the rows; plant as deep as possible, and during growth draw the earth to them to blanch stems. One ounce will produce about two thousand plants.

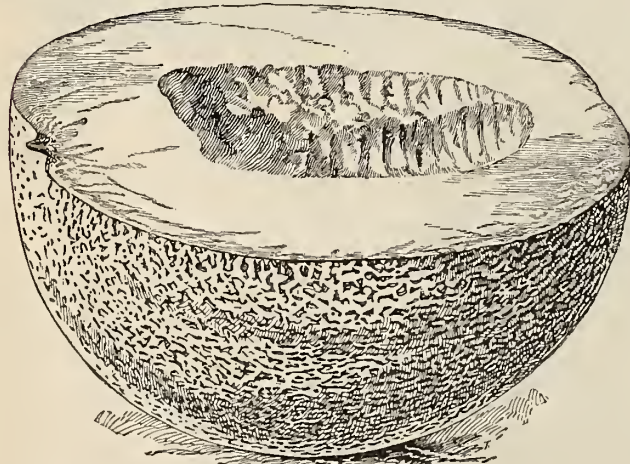
London Flag. Hardy, large, strong plant, with broad leaves.

Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Large Musselburgh. Of enormous size, leaves large and broad.

Of very mild, pleasant flavor. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Giant Carentan. Pkt. 5c., oz. 20c., lb. \$1.50.



Musk Melon (Cantaloupe)

Meloue (Ger.).

Melon (Fr.).

One ounce for seventy-five hills; two and one-half pounds to the acre.

A rich, warm, sandy soil is the best for the musk melon. Plant the seed when the ground is warm. Plant from six to twelve seeds in hills six feet apart each way, and when danger from bugs is past, thin to three vigorous plants in a hill. When the shoots are a foot long pinch off the tips to make them branching and strengthen the vine. Thin out the fruit if it is excessive, the remaining melons will thereby increase in size and ripen earlier.

Be careful not to grow pumpkins, squashes or cucumbers near musk melons.

MUSK MELON—Continued.

Ex. Ea. Cape May (Cantaloupe). A roundish melon, flattish at stem and blossom ends. Ribs very distinct, and with netting covering the entire fruit; flesh green, thick and of best flavor; a productive and very early sort, produced on vines of small foliage. Pkt. 5c., oz. 15c., lb. 75c.

“The Banquet.” Medium-sized; the flesh is uniformly deep; of a dark rich salmon color. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Emerald Gem. A small early melon, flesh salmon colored, thick and luscious. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 30c., lb. 75c.

Cosmopolitan. This grand, green-fleshed Musk Melon combines the firm, sweet flesh of the French Cantaloupe and the delicious flavor of the American Musk Melon; will please all lovers of Musk Melons. One of the most distinct and handsome melons ever introduced. The hardy vine is wonderfully productive of globular fruits which are densely covered with gray netting, very sweet, melting and high flavored. Unsurpassed in quality. Pkt. 5c., oz. 15c., lb. \$1.00.

Jenny Lind. The earliest variety, netted, of small, round size, excellent flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Golden Jenny. A small early variety, good flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Green Citron Netted. Medium size, deeply netted, nearly round, flesh thick and of a delicious flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Montreal Market. Largest of the nutmeg varieties, uniform in shape, netted, flesh green, quality remarkably good. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c.

Netted Pineapple or Nutmeg. An excellent melon, of medium size. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Extra Early Hackensack. Large size, attractive appearance, excellent flavor. Pkt. 5c., oz. 10c., lb. 60c.

Casaba or Persian. Of extraordinary size, very delicious and fine flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Water Melon

Melon D'Eau (Fr.).

Wasser Melone (Ger.).

One ounce to thirty hills; four pounds per acre.

In light soil, with hot sunny exposure, the water melon thrives best. Plant in hills eight to ten feet apart each way, and cultivate like musk melon. To secure the largest fruit, have but one or two melons to a vine.

Dixie. A large variety, surpassing all others as a shipper, in fine eating qualities and great productivity. It is ten days earlier than Kolb Gem, rind thin, ripening within one-quarter inch. Strong grower, very heavy setter. Flesh of a rich scarlet; sweet, juicy and tender. Pkt. 5c., oz. 10c., lb. 60c.

Cuban Queen. One of the largest varieties, ripening to the very centre, heavy cropper, flesh bright red, tender and melting. Pkt. 5c., oz. 10c., lb. 50c.

Kolb Gem. Pkt. 5c., oz. 10c., lb. 50c.

Iron Clad. Pkt. 5c., oz. 10c., lb. 50c.

Dark Icing. The flavor of this variety cannot be excelled. It is very solid, rind very thin. Pkt. 5c., oz. 10c., lb. 50c.

Light Icing or Ice Rind. Pkt. 5c., oz. 10c., lb. 60c.

Mountain Sweet. Early, large, oblong, dark green, thin rind; flesh red, solid, rich and sweet. Pkt. 5c., oz. 10c., lb. 50c.

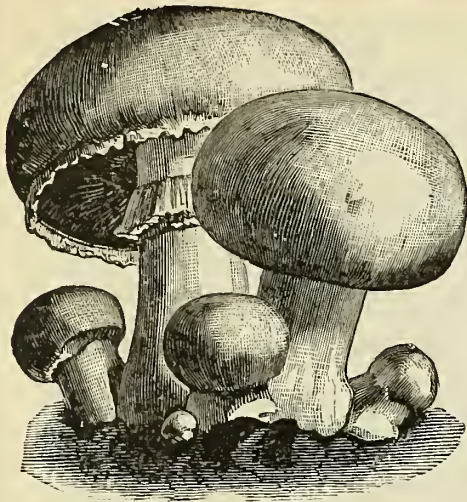
Pride of Georgia. Pkt. 5c., oz. 10c., lb. 50c.

Scaly Bark. Pkt. 5c., oz. 10c., lb. 50c.

Striped Gypsy or Rattlesnake. An early variety, large, oblong; skin green, mottled and striped. Pkt. 5c., oz. 10c., lb. 50c.

Citron. For preserving only, small, round, flesh white and solid, with red seeds. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.





Michell's
Superior

Mushroom Spawn

"Michell's Superior" English Milltrack. Strictly fresh and reliable. We supply a number of the leading and largest growers of Mushrooms with our Superior Spawn, and we have received a large number of testimonials of its high quality. 15c. per brick, \$1.50 per doz. bricks, 25 lbs. for \$2.75, \$3.00 per 100 lbs. (Directions for growing free.)

We offer \$5.00 in 2 Prizes for the best dish of Mushrooms exhibited at the Philadelphia Chrysanthemum Show, November, 1897

SPAWN PURCHASED OF US

Wm. Falconer's Book on Mushroom Culture

Price, \$1.35

Robinson's Book on Mushroom Culture

Price, 50c.

MUSTARD

Senf (Ger.) Moutarde (Fr.)

White or Yellow. For salads and flavoring purposes. Oz. 5c., lb. 30c.

NASTURTIUM

Kresse, Indianische (Ger.) Capucine Grande (Fr.)

Indian Cress.

The seed pods, which resemble capers, are gathered while green and tender for pickling, and the leaves are used for mixing with salads. Sow early in spring in drills about one inch deep, in light, rich soil, when all danger of frost is over.

Tall. The most profitable pickling variety. Pkt. 5c., oz. 15c., ¼ lb. 25c., lb. \$1.00.

Dwarf. Beautiful colors, mixed. Pkt. 5c., oz. 20c., ¼ lb., 35c., lb. \$1.25.

Okra or Gumbo

Esbarre Hibisens (Ger.) Gomband (Fr.)

One ounce to 20 feet; one pound to 300 feet.

Sow in May, in hills or drills, three feet apart. If in hills, thin out to three plants; if in drills, to ten inches apart in the drills. Seed thickly and cover one inch deep. The young green seed pods are used for soups or like asparagus.

Improved Dwarf Green. The most desirable sort, very productive, bears long pods which remain tender a long time and are free from hard ridges. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 60c.

White Velvet or Creole. Pkt. 5c., oz. 10c., lb. 60c.



Improved Dwarf Green Okra

Onion Sets



White. Qt. 20c., ½ pk. 70c., pk. \$1.25, bush. \$4.00.
Yellow. Qt. 15c., ½ pk. 50c., pk. 80c., bush. \$2.50.
White Multiplier Onion Sets. Qt. 25c., 4 qts. 75c.
Tree or Top Onion Sets. Qt. 25c., 4 qts. 80c.
Potato Onion Sets. Qt. 25c., 4 qts. 75c.
Shallots. Qt. 25c., 4 qts. 75c.

Onion

Zwieble (Ger.) Oignon (Fr.)

One ounce for 100 feet of row; six lbs. to an acre.

For sets, sow the seeds as early as possible, in the spring, very thickly, in drills. As soon as the tops die off in summer, remove them to a dry, airy place; and early in the following spring, replant them by placing sets in shallow drills twelve inches apart, and about four inches apart in the drills. They may also be grown to full size during the first season by sowing thinly in drills one foot apart and about one-fourth



of an inch deep, in March or early in April, well manured, and thinning them out to stand three or four inches apart in the drills. They delight in a strong, rich, deep, loamy soil, and succeed well if grown successive years on the same ground.

Extra Early Red. Pkt. 5c., oz. 20c., lb. \$1.50.

White or Silver Skin. A mild-flavored early variety, extensively grown for pickling. Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. \$2.00.

Yellow Danvers. An excellent early oval, straw-colored variety, of mild flavor, productive and a good keeper. Pkt. 5c., oz. 15c., ¼ lb. 35c., lb. \$1.25.

Prize Taker Mammoth Yellow. Beautiful straw color, of large round form, very rapid grower; attains full size in one season. Pkt. 10c., oz. 20c., lb. \$2.00.

Yellow Strasburg or Dutch. The leading market variety, a good keeper; bright straw colored skin and somewhat flattened shape. Pkt. 5c., oz. 15c., ¼ lb. 35c., lb. \$1.25.

Large Red Weathersfield. Grows to full size the first season from seed, almost round, large size, deep red color, and keeps well. Pkt. 5c., oz. 15c., ¼ lb. 35c., lb. \$1.25.

Southport Yellow Globe. Pkt. 5c., oz. 15c., lb. \$1.25.

Southport White Globe. Pkt. 5c., oz. 20c., lb. \$2.00.

White Barletta. An extra early pure white Onion. An excellent pickling variety. Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. \$2.00.

ONION CULTURE, by a Practical Grower, 20c. per copy.

Parsley

Petersilie (Ger.). Persil (Fr.)
 One ounce sows about 100 feet of drill.

Seed germinates very slowly, plants sometimes not appearing for three or four weeks; soak seed a few hours in lukewarm water before sowing.

Double Curled Covent Garden. Finely curled dwarf. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 75c.

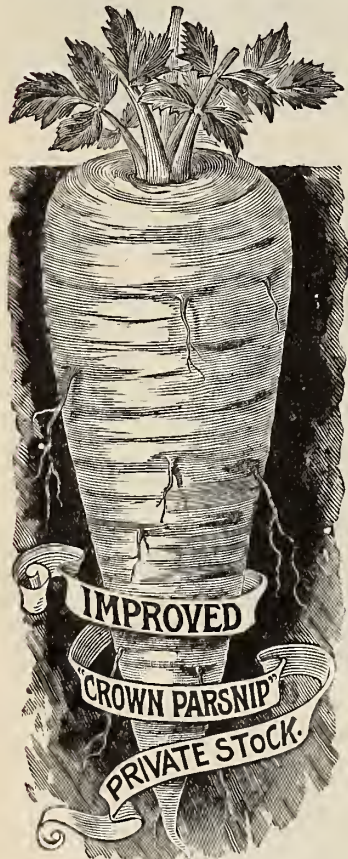
Extra Curled Perpetual. Leaves tender, crimped and very curly; excellent for garnishing. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 90c.

Fern Leaved. Most valuable for garnishing and for ornamental foliage. Plant in borders. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 90c.

Champion Moss Curled. Beautifully crimped and curled. It can be cut the year round, rarely runs to seed. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 90c.



Covent Garden Curled Parsley.



Parsnip

Fastinake (Ger.). Panais (Fr.)
 One ounce to 150 feet; five pounds to the acre.

Sow early in spring in drills fifteen inches apart and one-half inch deep; when plants are two or three inches high, thin out to six inches in the rows, cultivate often until the leaves cover the ground. These roots are improved by frost, and can be left in the ground over winter.

Improved Sugar or Hollow Corn. The best variety; very smooth, of excellent flavor. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 60c.

Pepper

One ounce will produce about 100 plants.

Sow in hotbed in April, and transplant the plants to open ground in warm, settled weather to rows two feet apart and eighteen inches in the rows, or when all danger of frost is past, sow at once in the open ground and thin to the same distance as above. Any rich fertilizer, if applied and stirred into the soil when the plants are six inches high, will be found of great benefit.

Large Sweet Bell or Bull Nose. Large variety, mild, rind thick, fleshy; best for pickling and pepper sauce, or filled as mangoes. Pkt. 5c., oz. 25c., ¼ lb. 65c., lb. \$2.00.

Large Sweet Spanish. Pkt. 5c., oz. 25c.



Sweet Bell or Bull Nose Pepper.

Golden Dawn. Beautiful golden yellow, quite sweet, without any fiery taste; very productive. Pkt. 5c., oz. 25c.

Cayenne Long Red. Pkt. 5c., oz. 25c., ¼ lb. 75c., lb. \$2.50.

Ruby King. Bright scarlet, large productive sort. Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.50.

Celestial. Pkt. 5c., oz. 25c.

Red Cherry. Pkt. 5c., oz. 25c.

Small Chili. Very hot; used for seasoning and for pepper sauce. Pkt. 5c., oz. 25c.

Pepper

Plants

Ready May 15th

Large Sweet Bell and Red Cayenne

Dozen 20c., 100 \$1.25.

PEAS

Erbse (Ger.)

One quart to 100 feet of row.

Pois (Fr.)

Early Sorts

Peas succeed best in light, dry, loamy soil. Early and dwarf sorts require richer soil than the late varieties. If manure is used, let it be old and well rotted, or there will be a rank growth of vines with few pods. Sow the early, smooth, round sorts as early in the spring as the ground can be worked. Seeds of wrinkled varieties are more liable to rot if the ground is cold, and must be planted later. Sow seed in single rows, three feet apart, for dwarf sorts, and four for tall sorts, or in double drills, six to eight inches apart, one inch apart in the drill, and not less than four inches deep, for late sorts seven to eight inches deep. Deep planting prevents mildew.

Michell's Dandy Extra Early. Selected from first crop of Eureka's and are the best extra early pea in the market. Pkt. 10c., qt. 25c. pk. \$1.25, bush. \$4.50.

Eureka Extra Early. Earliest, most prolific variety. For a late fall crop it has few equals; height twenty inches. Pt. 15c., qt. 20c., pk. \$1.00, bush. \$4.00.

Nott's Excelsior. The earliest and best dwarf pea in cultivation. Height, 15 inches. As hardy as the earliest market sorts, but in quality equal to the Little Gem. It out-yields that variety and the American Wonder 20 to 30 per cent. The pods are one-third longer, and each pod contains from 6 to 8 large peas which are of unusually fine flavor and tender. Pkt. 10c., qt. 30c., peck \$2.00.

Alaska. An extra round pea, resembling Kentish Invicta. Of good flavor and color; height two feet. Pkt. 5c., qt. 25c., pk. \$1.25, bush. \$4.50.

Improved Daniel O'Rourke. A valuable sort of good flavor, productive and early. Pkt. 5c., qt. 20c., pk. \$1.00, bush. \$3.75.

American Wonder. The earliest wrinkled variety in cultivation; of dwarf and robust habit, growing from ten to twelve inches high. Will mature in thirty-three days from time of planting. Pkt. 5c., qt. 25c., pk. \$1.25, bush. \$4.75.

McLean's Little Gem. Dwarf first early, green-wrinkled marrow. very prolific, superior flavor; one foot high. Pkt. 5c., qt. 25c., pk. \$1.25, bush. \$4.75.

Premium Gem. A fine flavored dwarf, wrinkled variety. Height 18 inches. Qt. 25c., pk. \$1.25, bush. \$4.50.

Blue Beauty. Compact, and bears a profusion of excellent peas; 18 inches. Pt. 15c., qt. 25c., pk. \$1.25, bush. \$4.00.

Second Early Varieties

Bliss' Abundance. Ripens about one week after the earliest kind. Six to eight inches apart in the rows is the nearest that the plants should stand; one and a half feet high. Pkt. 5c., qt. 25c. pk. \$1.25, bush. \$4.50.

Heroine. One of the grandest; should be in every garden; it is the greatest acquisition we have had in new peas in many years. Pt. 20c., qt. 30c., pk. \$2.00.

Pride of the Market. A medium early dwarf pea of vigorous habit and very productive; one and a half feet high. Pkt. 5c., qt. 30c., pk. \$1.50, bush. \$5.75.

SECOND EARLY VARIETIES—Continued.

Long Island Mammoth. Earlier than Champion of England; an excellent cropper. Pods large size and well filled with peas of very good quality; height three and one half feet. Pkt. 10c., qt. 35c., pk. \$1.50, bush. \$5.00.

Horsford's Market Garden. A prolific pea for summer crop; pods are full and borne in profusion. Pkt. 15c., qt. 25c., pk. \$1.25, bush. \$4.50.

McLean's Advancer. A fine variety, prolific, well-filled long pods, tender, and of delicious flavor; 2 feet. Pt. 15c., qt. 25c., pk. \$1.25, bush. \$4.50.

General and Later Varieties

Everbearing. A good pea for summer and autumn use, pods 4 inches long, and contain 6 to 8 peas of rich flavor, very sweet and tender; 2 feet. Pt. 15c., qt. 25c., pk. \$1.25, bush. \$4.50.

Telephone. Immensely productive, of the finest quality, and excellent sugary flavor; four feet high. Pkt. 5c., qt. 25c., pk. \$1.25, bush. \$4.50.

Improved Stratagem. Wrinkled marrow, large size peas of excellent quality; two and a half feet high. Qt. 30c., pk. \$1.50, bush. \$5.50.

GENERAL AND LATER VARIETIES—Continued.

Champion of England. One of the best and most popular wrinkled varieties in cultivation, of delicious flavor; a profuse bearer; five feet high. Qt. 25c. pk. \$1.00, bush. \$3.50.

Juno. One of the best of the late wrinkled peas, with large pods filled with delicious peas of large size— Pkt. 10c., pt. 15c., qt. 30c., pk. \$2.00.

Blue Imperial. A favorite summer, market gardener's variety; good bearer and of fine flavor; three feet high. Pkt. 5c., qt. 20c., pk. \$1.00, bush. \$3.50.

Fillbasket. Large, prolific, pods long, round and closely filled; one and a half feet high. Qt. 30c., pk. \$1.50.

Yorkshire Hero. A splendid wrinkled marrow for market and kitchen gardens; two and a half feet high. Pkt. 5c., qt. 25c., pk. \$1.00, bush. \$4.00.

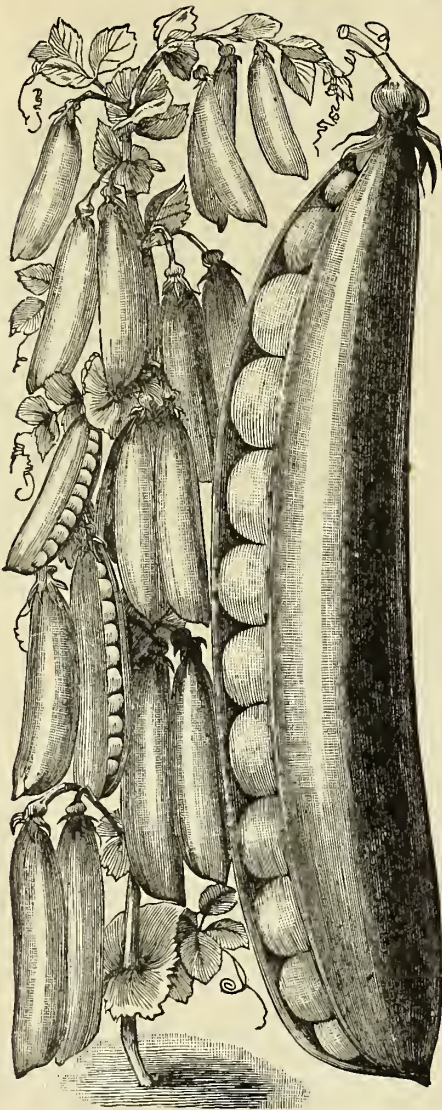
Dwarf Sugar, (edible pod). Pkt. 10c., qt. 40c.

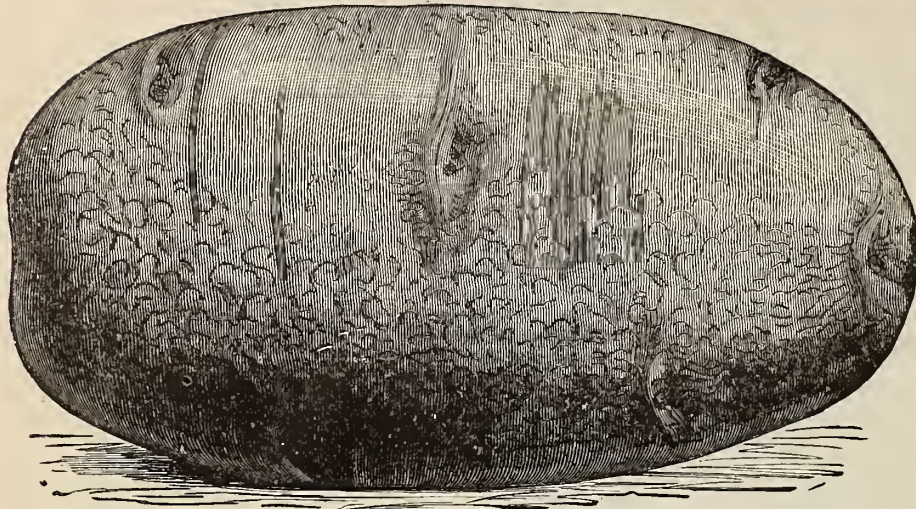
Melting Sugar. A new and prolific variety of delicious quality; 5 to 6 feet. Pt. 20c., qt. 40c.

Late Varieties

Royal Dwarf White Marrowfat. A favorite late variety; three feet high. Qt. 15c., pk. 60c., bush. \$2.00.

Black-eyed Marrowfat. Extensively grown; hardy, productive, four feet high. Qt. 15c., pk. 60c., bush. \$2.00.





Northern-Grown Potato,

Potatoes

Kartoffel (Ger.). Pomme de Terre (Fr.).
Plant ten bushels to the acre.

The soil best suited to the potato is a rich, sandy loam; being a gross feeder, it requires a liberal application of manure; if stable manure is to be used it should be well rotted and not allowed to come in contact with the tubers. On no other crop are the results from the use of phosphates so manifest as on the potato; almost invariably the tubers are brighter, smoother and freer from rust and the destructive influence of wire worms. The best fertilizers are plaster, lime, super-phosphate of lime, and bone dust, for heavy and wet soils especially, as they promote growth and, at the same time, prevent disease. Plant as early in spring as the ground can be thoroughly worked, in rows three feet apart and one foot in the rows.

New Ideal. Yields a much heavier crop than any of the earlier; in fact, it out-yielded several of the late potatoes. It is a handsome potato, having a pink, russet skin; one of the best cooking or baking potatoes, the flavor being excellent; the vines are large, stocky and healthy; its keeping qualities are of the best. Pk. 50c., bu. \$1.50, bbl. \$3.50.

Advantages of Changing Seed Potatoes

There is no other crop that we raise that is so much benefitted by the introduction of fresh seed from time to time as the potato. They seem to take on new life and prosper wonderfully, provided the change is to a well-selected stock, and the further north it is grown, the better. Our best customers will not plant their own raising of seed at all, but buy of us every year. They can grow nearly double the crop on the same land that they can from their own raising, and the tubers are smoother, handsomer and of better quality and more salable in the markets.

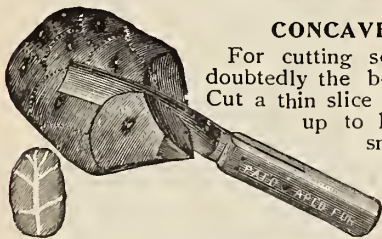
Sweet Potatoes

Yellow Nansemond. A thick variety, very productive, and the best for general culture. Pk. 60c., bush. \$2.00, bbl. \$4.00.

SWEET POTATO PLANTS

Ready May 10th

Yellow Nansemond. 100 25c., 1000 \$1.50, lots of 5000 \$1.20 per 1000.



CONCAVE POTATO KNIFE

For cutting seed potatoes. This is undoubtedly the best knife for the purpose. Cut a thin slice from centre of potato, hold up to light and see feeders as in small cut.

25 cents each postpaid

Rural New Yorker, No. 2. A valuable variety of large size, very smooth and a great cropper; in quality unexcelled. 1/4 pk. 25c., pk. 40c., bush. \$1.25, bbl. \$2.75.

Freeman (New). Considered to be the finest early potato to this date. Pk. 40c., bush. \$1.25, bbl. \$3.25.

Early Rose. A leading variety for earliness, quality and productivity. Pk. 30c., bush. \$1.00, bbl. \$2.50.

Early Ohio. A seedling of the Early Rose, ripens about a week earlier, excellent quality. Pk. 50c., bush. \$1.50, bbl. \$4.00.

Beauty of Hebron. A little earlier than Early Rose, very productive, a good keeper. Pk. 30c., bush. \$1.00, bbl. \$2.50.

State of Maine. Medium early, good keeper. Pk. 35c., bush. \$1.15, bbl. \$2.75.

Burbank's Seeding. A medium early variety, producing a large crop. Pk. 30c., bush. \$1.00, bbl. \$2.50.

Mammoth Pearl. Medium late, free from rot, never hollow; skin and flesh white, cooks like a ball of flour; very productive and good keeper. Pk. 35c., bush. \$1.00, bbl. \$2.75.

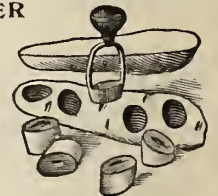
White Star. Baked or boiled, its color, floury texture and delicious flavor are unsurpassed; excellent keeping quality. Pk. 35c., bush. \$1.00, bbl. \$2.75.

We offer \$5.00 in Two Prizes for the best basketful (about 1/2 bushel) of Potatoes, exhibited at the Philadelphia Chrysanthemum Show in November, 1897.

The LIGHTNING POTATO EYE CUTTER

does the work many times faster and is more accurate than the knife. It is gauged to cut enough flesh with each eye to strengthen and vitalize it, and does the work in a scientific manner. No matter how small a crop you intend to plant you should use this cutter.

15 cents postpaid



Kurbis (Ger.). Pumpkin Potiron (Fr.).

One ounce to fifty hills. Three pounds to the acre.

Sow in good soil in May, when ground has become warm, in hills eight to ten feet apart each way, or in field corn about every fourth hill; plant at same time with corn, always avoid planting near other vines, as it will hybridize.

Cashaw. Long yellow crook neck, the best for table use or feeding stock; fresh yellow, solid, fine grained and sweet. Pkt. 5c., oz. 10c., lb. 50c.

Large Cheese. One of the best for table use, skin orange, flesh yellow and sweet. Pkt. 5c., oz. 10c., lb. 50c.

Large Tours or Mammoth. Grows to an immense size, often weighing over one hundred pounds. Pkt. 5c., oz. 10c., lb. 60c.

Connecticut or Large Common Yellow Field. Grown principally for feeding stock. Oz. 5c., qt. 20c., bush. \$4.00.

True Tennessee Sweet Potato. A splendid pie and cooking pumpkin. Pkt. 5c., oz. 10c., 1/4 lb. 25c. lb. 75c.



PUMPKINS

Radish

Radies (Ger.).

Radis (Fr.).

One ounce to seventy-five feet of row.

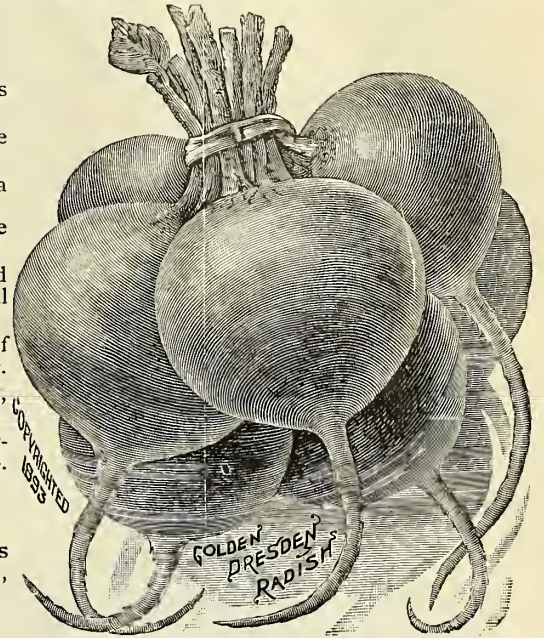
Radishes delight in light, rich, mellow soil, and to be crisp and tender, must make rapid growth. For very early use sow in a gentle hotbed in January, and continue sowing every two weeks until September, choosing the varieties suited to the season; sowings should be made in drills ten inches apart, and the plants should be thinned to two inches apart in the row. Sow winter radishes in July and take up before severe frosts and store in sand or earth in a cool cellar.

Early Sorts

- Round Red Forcing or Button.** The earliest and the best of the turnip varieties for forcing. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.
- Round White Forcing.** Similar to the above in every respect, except its white skin. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.
- Fireball.** Brilliant scarlet color, crisp, tender, of mild flavor; useful only as a forcing variety or for early spring use. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.
- Cardinal or Scarlet Globe.** The very best forcing variety, is of globular shape and brilliant cardinal red color. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.
- White Box, Philadelphia Crown.** Perfectly round, smooth skin, pure white and free from any sharpness or bitterness; a remarkable quick grower, with small top. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.
- Early French Breakfast.** Oblong shape, rapid growth, very mild and tender, of a beautiful scarlet color, tipped with white. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.
- Brightest Scarlet, Half Long.** Entirely distinct, being a vivid scarlet color, tipped with snow-white. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.
- Long Scarlet Short Top or Salmon.** The standard family and market gardeners' variety; long bright scarlet with small top. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 50c.

Summer Sorts

- Becker's Chartier.** Color bright salmon scarlet, shading to white as it approaches maturity; it is very crisp, tender, and of mild and pleasant flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.
- Golden Globe, Dresden (New).** Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.
- Large White Summer Turnip.** Large, turnip-shaped, white, crisp and mild. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.
- Large Yellow Summer Turnip.** Like the above, except in color. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.
- Long White Lady Finger.** A fine white, crisp and mild variety. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 65c.
- White Strasburg.** Oblong, of a pure white color, and mild flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.



Winter Varieties

- Scarlet China Winter.** One of the best fall and winter varieties, bright rose color. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 75c.
- Long Black Spanish Winter.** A large, long variety, one of the hardiest, firm in texture, keeping until spring. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.
- Round Black Spanish Winter.** Like the above, except form. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb., 20c., lb. 60c.

Rhubarber (Ger.).

RHUBARB

Rhubarbe (Fr.).

- Linnaeus.** Well-known market variety; early. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 20c., lb. \$1.50.
- Victoria.** Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.50.

RHUBARB ROOTS

Set in spring and they will furnish leaf stalks the following season. We offer the largest and best variety. **Victoria.** Clumps. Each 10c., doz. \$1.00, 100 \$6.00.

Kurbiss (Ger.).

SQUASH

Course (Fr.).

One ounce to fifty hills.

Squashes should be planted in a warm, light, rich soil, about the middle of May or June. Plant in well manured hills, in the same manner as cucumbers and melons—the bush varieties three or four feet apart each way, and the running kind six to eight feet. Eight to ten seeds should be sown in each hill, thinning out after danger from bugs is over, leave three or four of strongest plants to a hill.

Early Sorts

- Early White Bush or Patty Pan.** The best early variety; grows to a large size and bears an abundant crop. Pkt. 5c., oz. 10c., $\frac{3}{4}$ lb. 20c., lb. 60c.
- Golden Custard.** Of similar size and shape to the White Bush, but of rich golden yellow color and fine flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.
- Yellow Crook Neck.** Early productive, and of good quality; skin orange yellow. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Summer and Fall Sorts

- Fordhook.** A new winter squash of great merit; of a handsome, bright yellow color. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.
- Butman.** Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.
- Hubbard.** A general favorite, and one of the best late table varieties; of large size, flesh fine grained, dry and of excellent flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.
- Vegetable Marrow.** Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.10.
- Boston Marrow.** About ten days later than the bush varieties; a good keeper, of excellent flavor, flesh orange colored and fine grained. Pkt. 5c., oz. 15c., lb. 75c.
- Sweet Nut.** Medium size, flesh rich and very sweet; enormously productive and valuable both as a summer and a winter squash. Pkt. 5c., oz. 10c., lb. 75c.



Early White Bush or Patty Pan Squash



Salsify

Haferwurz (Ger.) Salsifis (Fr.)
(OYSTER PLANT)

One ounce of seed will sow about fifty feet of drill.

Sow in early spring in drills fifteen inches apart and one to two inches deep, thin to six inches apart. Soil should be very deep and mellow in order that the root may grow straight down. Store same as carrots for winter use, or they can be left in the ground until spring.

Mammoth Sandwich Island. This variety is of enormous size, twice as large as the ordinary French; pure white, very tender and delicious. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 20c., lb. \$1.25.

Long White. The favorite market variety, and best flavored. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Sage

Holt's Mammoth. Strong roots. Each 10c., doz. \$1.00, 100 \$5.00.

Sorrel

Sandwich Island Salsify. Broad Leaf French. Pkt. 5c., oz. 15c.



Bloomsdale Savoy Spinach.

Spinat (Ger.)

Spinach

Epinard (Fr.)

One ounce to 75 feet of drill, or at rate of ten pounds per acre.

Select very rich, well-drained soil, and sow in drills one foot apart and one inch deep. For spring and summer use, make the first sowing early in March, and continue at intervals of two or three weeks until the middle of July. Sow in August and September for winter or early spring use, and protect with a covering of straw during severe weather.

Victoria Long Standing Savoy. This thick variety is distinguished by the exceedingly dark green color of the leaves, and also for its long standing qualities. Pkt. 5c., oz. 10c., lb. 35c.

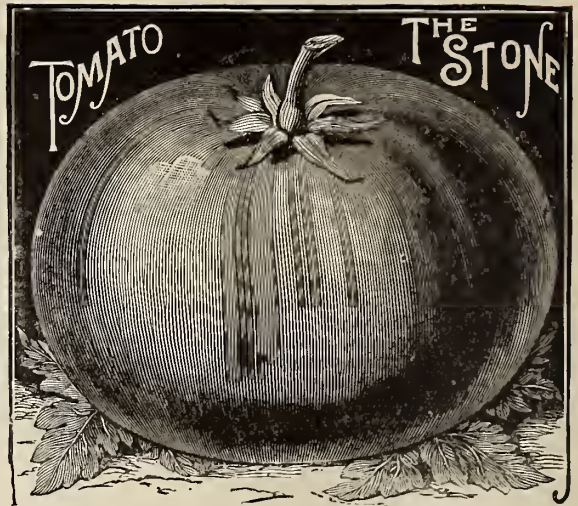
Bloomsdale Round-Seeded Savoy. The hardiest large Savoy leaved; curled and crimped, with thick, fleshy leaves; the best for family and market purposes, and the best of all sorts for fall sowing. Oz. 5c., lb. 30c.

Long Standing Round-Seeded. Will stand two weeks longer than any other sort before shooting to seed. The best for spring sowing on account of seeding so late. Oz. 5c., lb. 30c.

Prickly-Seeded, or Fall. The hardiest variety. Oz. 5c., lb. 30c.

New Zealand. This variety endures heat and drought; excellent for summer use; produces a large quantity of leaves throughout the season and can be cut from continuously. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.

We offer \$5.00 in Two Prizes for the best Six Heads of Spinach exhibited at the Philadelphia Chrysanthemum Show, Nov. 1897.



We offer \$5.00 in Two Prizes for a plate of the best Hothouse Tomatoes exhibited at the Philadelphia Chrysanthemum Show in November, 1897.

Tomatoes

Liebes Apfel (Ger.)

Tomate (Fr.)

One ounce will produce about one thousand plants.

Sow the seed in March or April in the hotbed, or in a box in a sunny place in the house. To make very healthy, stocky plants, they may be transplanted when about two or three inches high. When five or six inches high, if the ground has become warm, transplant to the open ground. Set plants four feet apart.

Imperial (New). Earliest and best tomato in existence. Color bright red, very solid and smooth. Pkt. 10c., oz. 30c., lb. \$3.00.

Atlantic Prize. One of the earliest of all varieties. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c.

The Stone. Fruit very large bright scarlet, very smooth, ripening evenly to the stem without a crack; and not subject to rot. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.00.

Mayflower. One of the earliest, of a bright red color, ripens evenly to the stem, perfectly smooth, flesh solid, of rich flavor. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Acme (Pink). Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c.

Livingston's Perfection. Early perfectly smooth, solid, almost round, deep red in color, with few seeds and ripening all through at the same time; a heavy cropper. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Livingston's Favorite. Ripens evenly and early; very prolific, good flavor, few seeds, flesh solid. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Beauty. Crimson, with a pinkish tinge, grows in clusters, large size; very smooth and solid. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Paragon Selected. Early; a heavy bearer and produces fruit until killed by frost. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Red Mikado. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 80c.

Matchless. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Lorillard. It is the best variety for forcing under glass, very solid; from four to five fruit per bunch. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Trophy Selected. Seed is saved only from the finest ripe specimens. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Thorburn's Long Keeper. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Ponderosa. The largest tomato in existence. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.

Golden Queen, or Large Yellow. A very handsome tomato. Pkt. 10c., oz. 25c.

Red Cherry. Used for preserving. Pkt. 5c., oz. 25c.

Yellow Pear. Used for preserving. Pkt. 5c., oz. 25c.

TOMATO PLANTS—Ready May 15th

We have these grown in very large quantities by a specialist and can supply the following standard sorts true to name:

PARAGON SELECTED TROPHY BEAUTY
IMPERIAL MIKADO LIVINGSTONE'S STONE

Transplanted plants, doz. 20c., 100 \$1.00, 1000 \$8.00; not transplanted 100c \$5.00.

Ruta-Baga

Sow $1\frac{1}{2}$ to 2 pounds per acre.

Improved Yellow, Purple Top Ruta-Baga or Swede. The leading market variety, and principally grown for stock as well as for family use; hardy productive, flesh yellow, solid, sweet, fine grained, and of good flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 40c., 3 lbs. \$1.00.

Turnip

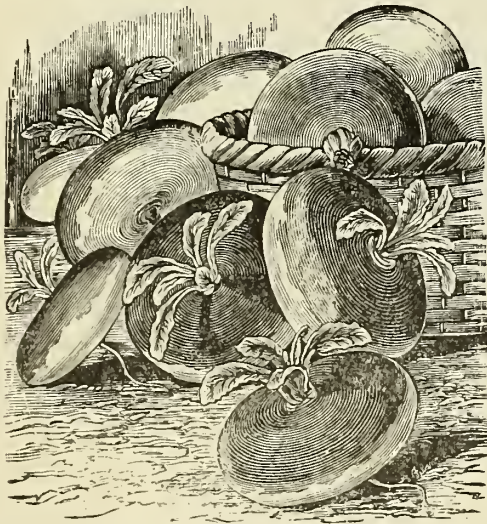
Herbst Rube (Ger.) Navet (Fr.).

One ounce for 100 feet, two pounds to the acre.

For early use sow the small sorts as soon as the ground can be worked in the spring in

Ruta-Baga.

drills fourteen inches apart. Ruta-bagas thirty inches. As the seed is fine it should be covered but slightly, excepting in very dry weather. Of the early varieties; thin the plants to six inches apart and the Swedes to one foot. For fall and winter use, the early kinds should be sown from the middle of July to the middle of August, and Swedes from the middle of June to the fifteenth of July.



- Extra Early Munich, Purple Top.** A very early variety, white flesh, of fine grain and good flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 50c.
- Early White Flat Dutch.** An early white-fleshed variety, of quick growth, mild flavor and excellent quality. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 40c., 3 lbs. \$1.00.
- Early White Egg.** An egg-shaped variety for spring or fall sowing. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 50c.
- Early Red or Purple Top Flat.** This strap-leaved variety is the principal sort for early spring and fall use; top is red or purple, flesh fine grained, of mild flavor and a good keeper. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 40c., 3 lbs. \$1.00.
- Purple Top White Globe.** Either for table or stock, is a heavy producer, early, of rapid growth, and an excellent keeper. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 40c., 3 lbs. \$1.00.
- Yellow Globe or Amber.** One of the best for a general crop, excellent for table use or feeding stock, and keeps well until late in the spring. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 40c., 3 lbs. \$1.00.
- Robertson's Golden Ball.** A rapid grower, of excellent flavor, globe-shaped, bright yellow color, good keeper and a superior table variety, or for stock. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 50c.
- Yellow Aberdeen.** Pkt. 5c., oz. 10c., lb. 40c.

Miscellaneous Seeds

Bird Seeds

Fresh and Re-cleaned

- Canary Seed.** Qt. 15c., bush. \$3.00.
- Hemp Seed.** Qt. 10c., bush. \$2.25.
- Rape Seed.** Qt. 15c., bush. \$3.00.
- Mixed Bird Seed.** Qt. 15c., bush. \$3.00.
- Millet Seed.** Qt. 10c., bush. \$1.25.
- Maw Seed.** Lb. 15c.
- Unhulled Rice.** Qt. 20c.
- Canada Pigeon Peas.** Qt. 10c., bush. \$1.25.

Sunflower

Mammoth Russian. Bears extra large flowers, which produce a very heavy crop of seed. Qt. 10c., bush. \$1.75.

Canada Field or Pigeon Peas

Used as feed for pigeons, etc., also for green soiling. Qt. 10c., bush. \$1.25.

Flax Seed

Qt. 10c., bush. \$2.50.

Wheat.

Fultz. The leading winter wheat in this section; heavy cropper. Pk. 40c., bush. (60 lbs.), about \$1.25.

Oats

Wide Awake. Pk. 50c., bush. about \$1.00.
Welcome. Pk. 40c., bush. about \$1.00.

Rye

Extra choice and clean, about \$1.00 per bushel.

Buckwheat

Japanese. A new variety, enormously prolific, yielding double the weight of other sorts. Makes an excellent flour equal in quality to Silver Hull. Lb. 15c., bush. (48 lbs.), \$1.25.
Silver Hull. Lb. 15c., bush. (48 lbs.) \$1.25.

Broom Corn

Improved Evergreen. Qt. 15c., bush. \$3.00.

Osage Orange Seed

Sprout the seed before sowing, then sow in rows, and when one year old transplant. Manure well and plow deep before planting. Oz. 10c., lb. 50c., bush. (33 lbs.), \$7.00.

Osage Orange Plants

Strong. Two years old, per 100 \$1.00; per 1000 \$5.00.
Extra Selected. Per 1000 \$7.50.

Sugar Cane

Early Amber. The earliest and most productive variety. Sow four quarts in drills and eight quarts broadcast to the acre. Qt. 20c., bush. \$3.00.

Tobacco

- Connecticut Seed Leaf.** One of the best varieties for cigar wrappers. Pkt. 10c., oz. 30c.
- Pennsylvania Seed Leaf.** The most noted selection grown in Lancaster County. Pkt. 10c., oz. 50c.
- Havana.** Pkt. 10c., oz. 50c.

Book on Tobacco Culture

Mailed on receipt of 25c.

Teosinte

(Reana Luxurians.)

Excellent forage plant, used for ensilage. Oz. 10c., lb. \$1.00.

Tares or Spring Vetches

Used for plowing under; sow one bushel to the acre. Qt. 20c., postpaid 35c., bush. \$3.00.

(For Mangels see Beet.)

GRASS AND CLOVER SEEDS

Our Grass and Clover Seeds are of the very finest quality, extra clean and free from weeds, and can be relied upon to give the best of satisfaction. We have a large number of unsolicited testimonials from customers who have sown our seed, for example :

I have sown seven acres of your Lawn Grass Seed on a new lawn. It has given entire satisfaction in spite of the unusually trying season ; it is now a perfect carpet, open for inspection.

Yours respectfully,

DAVID G. POWER,

Gardener to F. P. Hays, Esq., Overbrook, Pa.

October 13th, 1876.

Don't forget to fertilize the **Lawn** or **Grass Plot**. Well fertilized ground stands the extreme drought much better than ground which is poor.

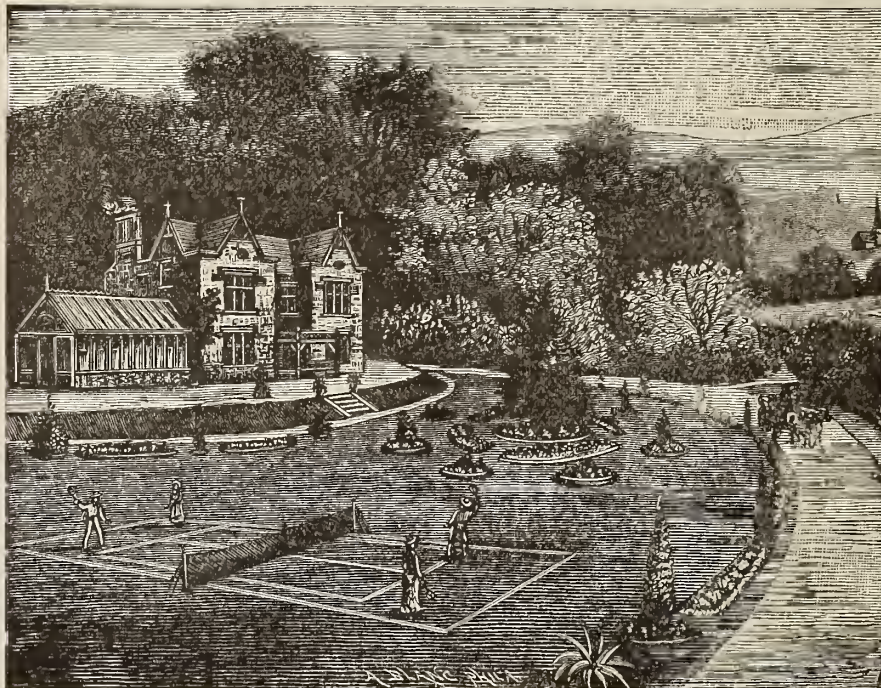
We recommend

**MICHELL'S
...PURE BONE...
MEAL**

\$30.00 per ton ; \$4.00 per 200-pound sack ; \$2.10 per 100 pounds ; or 5 pounds for 25c. ; also

**Canada
Unleached Wood
Ashes**

We have the **pure** ashes and can be relied upon. \$20.00 per ton f. o. b., Phila., or \$14.00 per ton f. o. b. Canada, thus saving two freight charges ; \$3.00 per barrel of 250 pounds f. o. b. Phila.



HOW TO MAKE A LAWN

Some previous cultivation, or at least a thorough turning over should be given. A clayey loam is the best foundation for a good lawn. Let the surface be graded to the level wanted in all parts and well rolled—a light raking following this will prepare for the seed sowing, which should be done as early in the spring as the ground can be worked, provided the ground has not already been prepared in the fall. The very best time, the ground being in order, is about April 1st. Three to four bushels per acre should be shown ; the latter amount is best, for the young plants are but small, and if thick, cover the ground better and make a smoother and more even turf. Mowing should be done at least once a week in favorable growing weather, and even in dry weather it should be cut twice a month. Do not allow the clippings to remain on the ground, except they are very short.

Michell's Evergreen.

Michell's "Non-Superior Evergreen" Lawn Grass Seed. This mixture is made of the finest varieties, presenting the appearance of the lawn like a bed of dark green velvet. We can safely say that there is no better mixture in the market. The seeds used are all fresh and re-cleaned and enough white clover is added to make it strong and durable. Qt. 25c., pk. \$1.00, bush. [20 lbs.] \$4.00. Five to ten bushel lots \$3.75. *Please note that we give 20 lbs. to the bush., which is nearly 1 1/2 bushels.*

Fairmount or Central Park Lawn Mixture. A very fine mixture, which we can highly recommend. Qt. 20c., pk. 75c., bush. [15 lbs.] \$3.00, five to ten bush. lots \$2.75 bush.

Michell's Lawn Tennis Mixture. Contains a special mixture of short growing varieties. Bush. of 20 lbs. \$4.00.

Golf Greens Mixture. This is a new mixture of our own ; made up especially from such grasses as will grow very short and make a solid surface to withstand heavy wear. Bushel of 16 lbs. \$4.00. Ask for special price on quantity.

Shady Lawn Mixture. Specially adapted for lawns on which there are trees and where the usual grass seeds do not thrive. Pk. \$1.25 bush. of 16 lbs. \$4.00.

Flint's Mixture for Permanent Pasture Lands. This is a mixture made of ten of the best and most hardy grasses, to form a permanent pasture. Sow two bushels to the acre. Qt. 15c., bush. [20 lbs.] \$3.50, five bush. lots \$3.25, bush., ten bush. lots \$3.00 bush.

Timothy Seed [Prime]. About \$2.00 per bush.

Clean Kentucky Blue Grass. Qt. 15c., bush. [14 lbs.] \$1.25. Special price on large quantities.

Extra Fancy Cleaned Kentucky Blue Grass. One of the most valuable sorts for lawn purposes, and as a pasture grass is indispensable ; thrives in dry soils and retains its verdure during the hottest weather. This grade is the best for sowing lawns. Qt. 15c., bush. [14 lbs.] \$2.25. Original 8 bush. sacks at \$1.95 bush. Special prices on larger quantities.

Wood Meadow Grass [Poa Nemoralis]. Particularly adapted for pleasure grounds and lawns ; will grow under trees where few other grasses can exist. Lb. 40c., 10 lbs. \$3.50.

Natural Green Grass. Forms a heavy sward, but does not retain its color as well as bluegrass. Qt. 25c., bush. [14 lbs.] \$2.50.

Herd or Red Top Grass. Qt. 15c., bush. [10 lbs.] \$1.00, sack of 50 lbs. \$4.25.

Fancy Herd or Red Top. Extra re-cleaned seed [32 lbs. to bush]. Lb. 20c., 100 lbs. \$18.00.

English Rye Grass [Perennial Rye]. Qt. 20c., bush. [24 lbs.] \$2.00, five bush. lots \$1.80 per bush.

Orchard Grass. One of the most desirable grasses for pastures, sowing under orchards or in shady places. Lb. 20c., bush. [12 lbs.] \$2.25.

Crested Dogtail. An excellent grass for hard, dry soils, valuable for pastures or lawns, 25 lbs to the acre. Lb. 40c., 100 lbs. \$27.50

Hard Fescue. Thrives well in dry situations where many other grasses fail ; 30. lbs to the acre. Lb. 20c., 100 lbs. \$15.00.

Meadow Fescue. English Blue Grass. An excellent grass for permanent pasture or hay, the foliage is highly nutritious. Lb. 20c., 100 lbs. \$15.00.

Sheep's Fescue [Festuca Ovina]. Sow 40 lbs. to the acre. Lb. 20c., 100 lbs. \$18.00.

Sweet Vernal [Perennial]. Very fragrant. Lb. 60c., five lbs. \$2.50.

CLOVER SEED

White Dutch Clover. The best variety for lawns ; remains green throughout the season ; highest grade of seed only. Lb. 25c., ten lb. lots 25c. lb., 100 lbs. \$21.00.

Alsike or Swedish. Valuable for pasturage or ensilage. Lb. 18c., 100 lbs. \$14.00.

Alfalfa or Lucerne. Sow early in spring to secure a good stand before winter. Lb. 15c., bush. (60 lbs.) \$5.00, 100 lbs. \$11.00.

Bokhara Clover. Excellent for bee food. Lb. 30c., ten lbs. \$2.75.

Red Clover. The seed we offer is re-cleaned and free from weeds. Lb. 18c., bush. (60 lbs.), about \$6.00. Subject to market changes.

Scarlet or Crimson Clover. Lb. 10c., bush. \$3.50.

MILLET (Prices Fluctuate)

Common Millet. Qt. 15c., bush. (48 lbs.) \$1.25.

German or Golden Millet. Qt. 15c., bush. (48 lbs.) \$1.25.

Hungarian Millet. Qt. 15c., bush. (48 lbs.) \$1.25.

Egyptian or East India Pearl Millet. Grows from eight to ten feet high. Sow three to five pounds per acre. Lb. 25c., ten lbs. \$2.00.

Fresh Tested
Reliable

FLOWER SEEDS

Strictly of the
Finest Quality

For \$1.00 select to amount of \$1.25.

For \$2.00 select to amount of \$2.50.

For \$3.00 select to amount of \$4.00.

For \$5.00 select to amount of \$6.50.

For the Convenience of Customers we have numbered all the Flower Seeds, which saves a great deal of time and labor. For instance, if you wish 1 pkt. of *Alyssum Little Gem*, order 1 pkt. No. 23, etc. Please be careful to give the correct number, as a mistake in the number would result in getting the wrong seeds.

Abronia. Trailing plants, producing clusters of sweet-scented, verberna-like flowers; effective in beds, rock-work or hanging baskets. Half hardy annuals; height, six inches.

1 **Umbellata.** Rosy lilac, with a white eye. Pkt. 5c.

Abutilon. Sown any time before April, in a temperature of sixty degrees, they will produce fine flowering plants the first season.

4 **Choice Mixed.** All colors; two to six feet high. Pkt. 15c.

Aconitum (*Monk's Head or Wolfsbane.*) A hardy perennial, producing curiously shaped flowers in abundance.

7 **Napellus.** Very pretty blue and white flowers; three feet high. Pkt. 5c.

Adonis (*Flos Adonis.*) Also known as Pheasant's Eye. Hardy annuals of easy culture, with pretty fine-cut foliage.

13 **Æstivalis.** Dark crimson flowers, with a light centre; one foot high. Pkt. 5c.

14 **Agatheæ Cœlestis.** Beautiful blue flowers. Pkt. 10c.



Large-Flowered Dwarf Blue Ageratum.

Ageratum

For large beds or borders, in bloom all summer; half-hardy annuals.

16 **Large-Flowered Dwarf Blue.** Pkt. 5c.

17 **Large-Flowered Dwarf White.** Pkt. 5c.

18 **Large-Flowered Dwarf Mixed.** Pkt. 5c.

Ampelopsis (*Miniature Virginia Creeper or Japanese Ivy.*) A hardy perennial from Japan; leaves turn to scarlet in autumn; will adhere to brick or stone walls.

21 **Veitchi.** Pkt. 10c., oz. 30c.

Achillea. Useful for cut flowers or for placing in cemeteries; hardy perennial; eighteen inches high.

10 **Ptarmica Plena.** Pure white double flowers. Pkt. 15c.

Amaranthus (*Half-hardy annuals.*)

33 **Cruentus** (*Prince's Feather.*) Erect flowering, bright scarlet. Pkt. 5c.

34 **Caudatus** (*Love Lies Bleeding.*) Blood red, drooping; three feet high. Pkt. 5c.

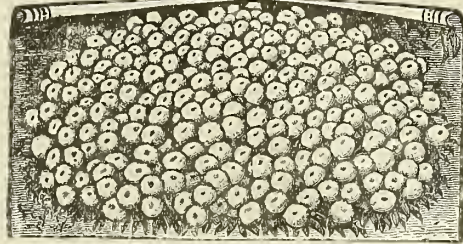
35 **Gordoni or Sunrise.** Bronzy crimson foliage, shading off to brilliant scarlet tufts of leaves on top of stalk, lower leaves having a scarlet band through centre. Three feet high. Pkt. 10c.

36 **Salicifolius** (*Fountain Plant.*) Pkt. 5c.

37 **Tricolor Splendens** (*Joseph's Coat.*) Leaves red, yellow and green; three feet high. Pkt. 5c., oz. 50c.

38 **Mixed.** All sorts. Pkt. 5c.

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Little Gem Alyssum.

Alyssum

Free flowering plants for beds, edgings or rock-work, or winter blooming; the annual variety blooms all summer.

23 **Little Gem.** Of dwarf, compact habit, each plant covering a circle fifteen to thirty inches in diameter. It begins to bloom when quite small, and the plants are a solid mass of white from spring until late in autumn. Pkt. 5c., ¼ oz. 15c., oz. 50c.

24 **Sweet Alyssum.** White. Pkt. 5c., oz. 30c.

25 **Benthami Compactum.** Of true dwarf, compact growth; excellent for borders; white. Pkt. 5c., oz. 40c.

26 **Saxatile Compactum.** Showy golden yellow flowers; hardy perennial, blooms the first season; one foot high. Pkt. 5c.

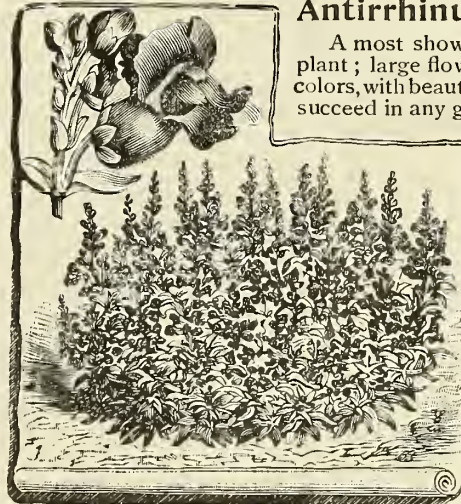
Anemone (*Wind Flower.*) A very pleasing hardy perennial, easily grown from seed, producing large flowers early in the spring; one foot high.

45 **Coronaria, Mixed.** Scarlet, purple, blue, white, strip'd. Pkt. 10c.

Antirrhinum

(*Snapdragon.*) A most showy and useful border plant; large flowers of most brilliant colors, with beautifully marked throats; succeed in any good garden soil; very effective in beds; hardy perennials, blooming first year if seed is sown early. One foot high.

48 **Queen of the North.** The finest of all Snapdragons, forms an excellent plant one foot high; each plant occupies a space of 1 to 1½ feet, and is densely covered with large white flowers. A beauty for beds and borders, also valu-



able for pot culture. Pkt. 10c., ¼ oz. 25c.

49 **Dwarf Mixed.** Finest Tom Thumb. Pkt. 5c., oz. 40c.

50 **Tall Mixed.** Pkt. 5c.

51 **Imported Collections.** Ten dwarf varieties, 40c.

52 **Imported Collections.** Ten tall varieties, 40c.

Asperula. A hardy annual, with clusters of small, sweet-scented flowers; one foot high.

108 **Azurea Setosa.** Beautiful light blue. Pkt. 5c.

Asphodelus (*Asphodel.*) Very pretty; hardy perennials; 2 ft. high.

111 **Mixed.** Yellow and white. Pkt. 5c.

Auricula. A well-known favorite; seed saved from splendid varieties; half-hardy perennial, six inches high.

115 **Mixed.** Pkt. 20c.



Semple's Aster, from a photograph.

Asters (Queen Margaret)

There is no flower which combines so much beauty and variety of habit and shape, with such brilliancy and richness of color as this; it is splendid for bedding, bordering or pot culture. Give it rich soil and plenty of water for the best results. The seed we offer has been saved from the very best double flowers only.

HARRISBURG, Sept. 23, 1896.
 The Asters seed I purchased of you last spring are doing remarkably fine. I have a house on now of the Semple's Strain, the flowers measure from four to five and a half inches across. They are as good as Chrysanthemums, and everybody who sees them says that they never saw anything like them. I have never been without blooms since June 27th from out-door beds. I think it is the best all-around cut flower for summer use.
 Yours respectfully, CHAS. H. RONEY,
 Gardener to James Boyd, Esq.

- 87 **Semple's Strain New Large Flowering.** The largest flowering variety, grows long stems and is very desirable for cutting. The flowers are as valuable as choice Chrysanthemums which they resemble very much. Choicest Mixed. Pkt. 10c., $\frac{1}{16}$ oz. 25c.
- 88 **Semple's Bright Red.** A new shade in the above class. Very choice. Pkt. 15c.
- 89 **Semple's White.** Pkt. 10c., $\frac{1}{16}$ oz. 30c.
- 90 **Semple's Pink.** Pkt. 10c.

Improved Victoria Asters

- | | |
|---|--|
| <ul style="list-style-type: none"> 63 Blue pkt. 10c. $\frac{1}{16}$ oz. 30c. 64 Pink " 10c. " 30c. 65 White " 10c. " 30c. 70 Dwarf Pyramidal Bouquet. The plants form a complete bouquet of flowers. Mixed, one foot high. Pkt. 10c. 71 Cocardeau or Crown. With white centres, bordered with bright rich colors. Pkt. 10c. 76 Vick's White Branching. Very long stems, pure white, four inches in diameter. The blooms have the appearance of large and graceful Chrysanthemums. Pkt. 10c., $\frac{1}{16}$ oz. 30c. 80 Perennial Mixed. Hardy, herbaceous plants. Pkt. 10c. 81 Aster—Mignon Mixed. Semi-dwarf; bear, when well grown, forty to fifty flowers of a beautiful shape. Pkt. 10c. 82 Mignon, Pure White. Pkt. 10c., $\frac{1}{16}$ oz. 40c. 83 Yellow Betteridge's Quilled. The flowers being quilled and very double, show the most clearly pronounced yellow among asters. Pkt. 10c., 3 pkts. 25c. | <ul style="list-style-type: none"> 66 Scarlet pkt. 10c. $\frac{1}{16}$ oz. 30c. 67 Purple " 10c. " 30c. 68 Finest Mixed " 10c. " 30c. |
|---|--|



Comet Asters

- 72 **Comet.** In shape they resemble a large-flowered Japanese Chrysanthemum, petals being long and twisted, or curled and wavy; color lovely delicate pink, bordered with white. Pkt. 10c., $\frac{1}{16}$ oz., 30c.
- 73 **Dwarf Chrysanthemum-Flowered.** Mixed. Pkt. 10c.
- 74 **Dwarf Queen.** Choicest mixed. Pkt. 10c., $\frac{1}{16}$ oz. 30c.
- 75 **Triumph.** The color is peculiarly brilliant, pure scarlet. Each plant bears at least thirty to forty flowers of exquisite beauty. pkt. 10c., 3 pkts. 25c.
- 78 **German Quilled, Mixed.** Perfectly double quilled flowers of beautifully mixed colors. Two feet high. Pkt. 5c., $\frac{1}{4}$ oz. 30c.
- 79 **China or German, Mixed.** Pkt. 5c., oz. 60c.



Truffaut's Paeony-Flowered Aster.

Truffaut's Prize Asters

- Improved Paeony-Flowered.** Very double, large and finely-shaped, the petals beautifully incurved. Considered the finest aster for garden or for cutting. One and a half feet.
- | | |
|--|--|
| <ul style="list-style-type: none"> 56 Pure White Pkt. $\frac{1}{8}$ oz. 10c. 30c. 57 Light Blue " 10 30 58 Pink " 10 30 | <ul style="list-style-type: none"> 59 Glowing Crimson Scarlet Pkt. $\frac{1}{8}$ oz. 10c. 30c. 60 Finest Mixed " 10 30 61 Purple Violet " 10 40 |
|--|--|

Imported Collections of Asters

- 84 **Finest Quilled.** Ten varieties, 50c.
- 85 **Truffaut's Paeony Perfection.** Twelve varieties, 75c.
- 86 **Victoria.** Eight varieties, 50c.

Aquilegia (Columbine.)

- 100 **Chrysantha (Golden Spurred).** Strong grower, forming bushy plants three feet high, bearing all through the season an abundance of bright golden yellow flowers. Pkt. 10c.
- 101 **Cœrulea.** Flowers are very large, violet-blue, and inner petals pure white; two feet high. Pkt. 10c.
- 102 **Single.** All colors mixed. Pkt. 5c., oz. 30c.
- 103 **Double.** All colors mixed. Pkt. 5c., oz. 40c.



Laing's Gold Medal Tuberos-Rooted Begonia.

Balsam (Lady Slipper or Touch-Me-Not.)

- Improved Camellia-Flowered.** Very choice strain.
- 123 **White Perfection.** Very double. Pkt. 10c., oz. \$1.00.
- 124 **Pink.** Very double. Pkt. 10c., oz. \$1.00.
- 125 **Scarlet.** Very double. Pkt. 10c., oz. \$1.00.
- 126 **Mixed.** Choicest. Pkt. 10c., oz. \$1.00.
- 127 **Mixed.** Very fine. Pkt. 5c., oz. 50c.
- 129 **Collection.** Six varieties, each separate. Pkt. 35c.



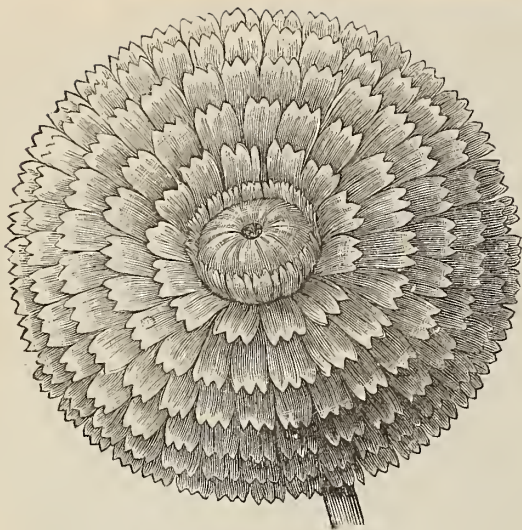
Begonia Vernon.

Begonia

- 142 **Vernon (Semperflorens Atropurpurea).** A splendid and remarkably effective variety, with abundant rich orange carmine flowers and bronzed-colored foliage. Very effective for bedding in masses, being covered with bloom from May until late in the autumn. Pkt. 10c.

BEGONIA—Continued.

- 148 **Begonia Semperflorens Compacta.** Charming new compact variety, forming small round, very compact bushes of about four to five inches in height; brilliant red flowers and deep brownish red foliage. This new variety may be considered one of the best bedding plants for dwarf groups or ribboning. Pkt. 15c. 4 pkts. 50c.
- 147 **Erfordi.** Beautiful variety. Pkt. 15c.
(*Tuberos-Rooted Varieties.*)
- 153 **Choicest Strain.** Single mixed. Pkt. 25c.
- 144 **Double Mixed.** Choicest strain. Pkt. 50c.
- 145 **International Prize.** Saved from best English, French and German tuberos-rooted varieties. Pkt. of about 500 seeds 35c.
- 120 **Balloon Vine.** A favorite climber. Pkt. 5c., oz. 20c.
- 121 **Balsam Apple.** Very useful. Pkt. 5c., oz. 25c.
- Beans.** Very rapid climber; flowering profusely, and admirably adapted for covering screens, etc.
- 138 **Scarlet Runner.** Fiery scarlet. Pkt. 5c., pt. 20c.
- 139 **White Runner.** Pure white. Pkt. 5c.
- Bidens (Dahlia Zimapani).** A free flowering tender annual, having beautiful foliage and bearing fine and attractive flowers. One foot high.
- 159 **Atrosanguina.** Rich dark crimson with yellow anther. Pkt. 10c.
- Brachycome (Swan River Daisy).** Free flowering plants, covered during the greater part of summer with a profusion of pretty Cineraria-like flowers. Half hardy annual.
- 163 **Iberidifolia Mixed.** Light blue and white. Six inches high. Pkt. 5c.
- Beet.** The ornamental-leaved beets are most useful for planting in ribbon beds or in groups.
- 155 **Red Chilian.** Brilliant red foliage. Pkt. 5c., oz. 15c.
- 156 **Yellow Chilian.** Golden yellow. Pkt. 5c., oz. 15c.
- Browallia.** One of our favorite bedding plants, covered with rich beautiful flowers during the summer and autumn months, growing freely in any rich soil; blooms finally in winter if sown in August. Half hardy annuals, eighteen inches high.
- 170 **Elata Grandiflora Cœrulea.** Large sky-blue flowers, with a white centre. Pkt. 5c.
- Cacalia (Tassel Flower).** A neat half hardy annual of easy culture. Golden yellow and scarlet. 1½ feet high.
- 192 **Mixed.** Pkt. 5c., oz. 30c.
- Campanula (Canteberry Bell).** Valuable for beds and borders. The perennial varieties, if sown early, will bloom the first season.
- 199 **Double Mixed.** Pkt. 5c. | 200 **Single Mixed.** Pkt. 5c.
- 201 **Cup and Saucer.** A beautiful variety. The bell or trumpet, is nearly four inches in diameter, presenting the form of a saucer, hence its name. Pkt. 10c.



Calendula (*Pot Marigold*.)

Showy, free-flowering, hardy annuals, growing in any good garden soil, producing a fine effect. One foot high.

- 175 **Grandiflora** (New). Beautiful large double yellow flowers. Pkt. 10c., oz. 40c.
 176 **Meteor**. A splendid variety; very large double-striped and imbricated flowers, of a deep orange on a pale yellow ground. Pkt. 5c., oz. 20c.
 177 **Prince of Orange**. This novelty surpasses the Calendula Meteor; the stripes around each petal are of a deep orange color, making a brilliant appearance. Pkt. 5c., oz. 30c.
 178 **Sulphurea**. Double. Very handsome sulphur yellow. Pkt. 5c., oz. 40c.

Canna (*Indian Shot Plant*.)

- 206 **Madam Crozy**. The flowers are large, of a dazzling crimson scarlet, bordered with golden yellow. Plant of dwarf habit and very free-flowering, foliage green and massive. *Seeds sown early will produce blooming plants for this summer.* Pkt. 10c., oz. 40c.
 207 **Crozy's New Dwarf**. Choicest mixed. Pkt. 5c., oz. 30c.

Canary Bird Flower

(*Tropæolum Peregrinum* or *Canariense*.)

- 196 One of the most charming climbers, bearing an abundance of bright yellow-fringed flowers. Pkt. 10c.



Calliopsis Lanceolata.

Calliopsis or Coreopsis

Showy and useful free-flowering plants, of easy cultivation. Hardy annuals.

- 224 **Golden Wave**. A very showy sort, with large yellow flowers, two inches in diameter. Pkt. 5c., oz. 30c.
 225 **Lanceolata**. A hardy perennial sort, bearing large flowers of a golden yellow color. Pkt. 10c., oz. 75c.
 226 **Mixed**. All the choicest kinds. Two to three feet high. Pkt. 5c., oz. 30c.



Giant Empress Candytuft.

Candytuft (*Iberis*.)

- 183 **Empress or Snow Queen**. A complete mass of pure white flowers; immense size. Pkt. 10c., oz. 40c.
 184 **White Rocket** (*Amara*.) Large trusses of pure white flowers. Pkt. 5c., oz. 20c.
 185 **White Tom Thumb**. Grows six inches high and forms a round bush about sixteen inches in diameter, covered with large white flower-heads of great substance. Pkt. 5c., oz. 50c.
 186 **Fine Mixed**. All the above tall growing varieties; one foot high. Pkt. 5c., oz. 15c.
 187 **Sempervirens**. A profuse white blooming hardy perennial; one foot high. Pkt. 10c.
 188 **Collection of Six Annual Sorts**. Pkt. 25c.

Castor Oil Bean

(*See Ricinus*.)



Centaurea Candidissima



Centaurea Gymnocarpa.

Centaurea (*Ornamental Foliage Sorts*.)

- 249 **Gymnocarpa**. Fine cut, silvery gray foliage. Pkt. 10c., 500 seeds 25c., 1000 seeds 40c.
 250 **Candidissima**. Splendid silvery, broad-cut leaves; one foot high. Pkt. 10c., 1000 seeds 75c.



California Yellow Bells

- 212 This is one of the loveliest of all annuals which has escaped the attention among lovers of flowers. The seed is yet scarce, and will be for some seasons to come. We have succeeded in saving a sufficient quantity to admit of our offering it to the trade. Pkt. 10c., 3 pkts. 25c.

MARGUERITE



Marguerite Carnation.
Carnation

This lovely flower, known to everybody, succeeds in any light soil, and will give better flowers than slips taken from old plants.

- 231 **Marguerite.** A very beautiful class of Carnations. May be grown as an annual, the plants commencing to bloom four months after sowing in the open ground, and continuing to bloom with increasing profusion as the plants increase in size. If seed is sown in April plants commence to bloom in August. The flowers are very double and beautifully fringed, and have the sweetest and most agreeable perfume. Choicest mixed; all colors. Pkt. 10c., 1/4 oz. 50c.
- 232 **Marguerite, Double, Pure White.** Pkt. 15c.
- 234 **Finest German.** Mixed. Pkt. 25c.
- 235 **Very Early Vienna.** Mixed, Pkt. 15c.
- 236 **Fine Mixed.** Pkt. 10c.

Calceolaria

An ornamental plant, and a universal favorite for decorating the greenhouse or conservatory.

- 218 **James' Superb Strain.** Superfine mixed. Pkt. 50c.
- 214 **Hybrida Grandiflora, Tall, Mixed.** Large flowering, completely covered with beautiful, rich, self-colored flowers; saved from choice collections; all colors. Pkt. 25c.
- 216 **Hybrida Grandiflora Pumila Compacta.** Dwarf, compact, robust growth, producing immense trusses of large and varied brilliant self colored and spotted flowers. 1 foot high. Pkt. 40c.
- 217 **Rugosa, Mixed (Shrubby).** Small-flowering varieties for bedding; of the finest colors. Two feet high. Pkt. 50c.

Castor Oil Bean (See Ricinus.)

Coreopsis (See Calliopsis.)

254 **Centrosema Grandiflora.**
(Butterfly Pea)

A hardy perennial vine of rare and exquisite beauty, and absolutely new to cultivation. It blooms in June from seed sown in April, and bears profusely large, inverted, pea-shaped flowers, ranging in color from rosy violet to purple with a broad, feathered, white marking through the centre; while the large buds and back of the flowers are pure white, the stem and foliage are very graceful and of a delightful odor. It is well adapted for every garden purpose, and especially as a climber, running six to eight feet in a season. Pkt. 10c., 3pkts. 25c.



Centrosema

CARNATIONS

Mitchell's
Prize
Cineraria



Mitchell's Giant Prize Cineraria.
Cineraria

We have received a number of testimonials from growers stating that the flowers nearly all measured 7 1/2 to 8 inches in circumference.

- 279 **Dwarf Giant Prize.** Mixed; all colors; best sort as a pot plant. Pkt. 50c.
- 280 **Tall Giant Prize.** Mixed; desirable to grow as a decorative plant, also for cutting. Pkt. 50c.
- 278 **James' Giant Strain.** Half dwarf, mixed. Pkt. 50c.
- 276 **Prize Crimson.** Half dwarf. Pkt. 40c.
- 277 **Prize White.** Half dwarf. Pkt. 40c.
- 285 **Prize Blue.** Half dwarf. Pkt. 40c.
- 281 **Dwarf Mixed.** Very desirable, producing large heads; flower not quite as large as the "Prize." Pkt. 25c.
- 282 **Tall Mixed.** Same as above, but taller in growth. Pkt. 25c.
- 283 **Choicest Double Mixed.** Beautiful. Pkt. 50c.
- 284 **Maritima Candidissima.** White foliage, for borders. Pkt. 10c.

Cypress
Vine

A favorite climbing vine



Cypress Vine.

- 293 **White** Pkt. 5c.,
oz. 25c.
- 294 **Scarlet.** Pkt. 5c.,
oz. 25c.
- 295 **Mixed.** Pkt. 5c.,
oz. 25c.

Chrysanthemum

(Paris Daisies or Marguerites.)

Showy and effective garden favorites, extensively grown for cut flowers. Good for pot culture.

- 271 **Burridgeanum Eclipse.** Attractive single flowers, crimson with white edge, and inner white circle, fine for cut flowers. One foot high. Pkt. 5c.
- 272 **Frutescens Grandiflorum.** The popular White Paris Daisy. Pkt. 10c.
- 273 **Segetum Grandiflorum.** Yellow Paris Daisy. Pkt. 10c.
- 270 **Choiced Mixed.** All colors. Pkt. 5c.
- 275 **Large Flowering Autumn Varieties.** Including Japanese and Chinese. Pkt. 15c.
- 274 **Japanese Choice Mixed.** Large flowering. Pkt. 20c.



Painted Daisy Chrysanthemum.



Cosmos New Mammoth Flowering

An autumn flowering plant. The large flowers are born profusely, and present a charming appearance when the plants are in full blossom as they wave to and fro in every passing breeze. Seed should be sown early in spring and the plants transplanted in the open border when danger from frost is past. If young plants are starved a little it will have the effect of bringing them into bloom earlier.

- 258 Mammoth Pure White. Pkt. 10c., oz. 75c.
- 259 Mammoth Pink. Pkt. 10c., oz. 75c.
- 260 Mammoth Red or Crimson. Pkt. 10c., oz. 75c.
- 261 Mammoth Mixed. All colors. Pkt. 5c., oz. 30c.
- 255 Yellow. Pkt. 10c., 3 pkts. 25c.
- 256 New Fringed. All colors mixed. Pkt. 15c.

See also Novelty pages for New Cosmos.



Corn Flower, Blue Bottle or Bachelor's Button

(*Centaurea Cyanus.*)

- 286 Yellow (*Suaevolens*). Pkt. 5c., oz. 25c.
- 287 Emperor William, Single Blue. Pkt. 5c., oz. 25c.
- 288 Pure White. Pkt. 5c., oz. 30c.
- 289 Choice Mixed. All colors. Pkt. 5c., oz. 25c.
- 290 Double Blue. Pkt. 10c., ¼ oz. 35c.
- 291 New Dwarf Mixed. Pkt. 10c.

Cobæa Scandens

A climber of rapid growth, flowering the first season if sown early in the house or hotbed. In sowing place the seeds edgewise and merely cover them with light soil.

- 305 Purple. Pkt. 10c., oz. 60c.
- 306 White. Pkt. 15c.

Coleus

- 244 Choicest Selection. Mixed. Pkt. 25c.

Cocks-Comb



Giant Empress Celosia.

Celosia or Cockscomb

- 219 Glasgow Prize or Pres. Thiers. Pkt. 10c.
- 220 New Giant Empress. Pkt. 10c.
- 221 Plumosa (*Feathered*). Dwarf scarlet. Pkt. 10c.
- 222 Choice Mixed. Pkt. 10c.

MORNING GLORY



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(*Convolvulus Major.*)
Climbing Varieties.

- 326 Single. All colors mixed. Pkt. 5c., oz. 10c.
- 327 Collection of Morning Glory. Ten varieties, 40c.
- 530 New Double. All colors mixed. Pkt. 10c.
- 524 New Imperial Japanese, Large Flowering. They are the result of long years of selection and of careful and skillful hybridization, exceedingly vigorous in growth, decorative in foliage, which is of various shades of green and silvery lustre, frequently variegated, while the flowers are nearly always of immense size, frequently six inches across, and mostly all of entirely new colors, such as ashy grays, slate color, bronzy reds, browns, shades of sea green, blues bordered with red, purples marbled with black, whites spotted with blue, flamed streaked, marbled, fringed edges and all of incomparable beauty. The double flowering sorts are really superb and can hardly be described. Pkt. 10c., 3 pkts. 25c.



Giant Cyclamen

Cyclamen Giganteum

Beautiful mottled leaves, broad petals and stout flower stalks, throwing the flowers well above the foliage.

- 309 **Rubrum.** Red. Pkt. 40c., 100 seeds \$1.25.
 310 **Album.** White. Pkt. 40c., 100 seeds \$1.25.
 311 **Roseum.** Pink. Pkt. 40c., 100 seeds \$1.25.
 312 **Mixed.** Pkt. 40c., 100 seeds \$1.00.
 314 **Persicum.** Choice mixed. Pkt. 10c.

Clematis. Soak the seed in warm water for twenty-four hours before sowing; hardy perennials; fifteen feet high.

265 **Flammula** (*Virgin's Bower.*) Producing beautiful clusters of small, white, fragrant flowers. Pkt. 10c.

266 **Hybrida Grandiflora.** Large-flowering, mixed. Pkt. 20c.

CLEOME Pungens (*Giant Spider Plant.*) Singular-looking rose-colored flowers; the stamens look like spiders' legs, and present a very attractive appearance; annual; three feet. 5c.



Dahlia

Tuberous-rooted half-hardy perennials; blooming the first year from seed if sown early. Protect the roots during winter in a dry cellar in sand.

330 **Large-Flowering Double.** Saved from the finest flowers. Mixed. Pkt. 10c.

332 **Collection of Six Sorts.** Each separate. Single, 50c.

333 **Tom Thumb.** (*Single.*) New varieties in beautiful mixed colors; a highly interesting class of neat, compact and dwarf habit, growing about one foot in

height, very free flowering, invaluable for cutting purposes. They bloom the first season from spring-sown seeds. Pkt. 10c., 3 pkts. 25c.

334 **Giant** (*Single.*) Very large flowers, in all colors, mixed. 15c.

Datura (*Trumpet Flower.*) In large clumps and borders of shrubbery they produce an excellent effect, flowering the first year from seed, if sown early. Half-hardy perennials, three feet high.

344 **Double Golden.** Pkt. 5c.

345 **Double Mixed.** Pkt. 5c.

346 **Brugmansia.** Large white fragrant trumpets. Pkt. 15c.

336 **Cornucopia Variegated** (*New.*) Pkt. 10c., 3 pkts. 25c.

PINKS



Japan Double Dianthus.

Dianthus

 (*Pinks.*)

Classed among the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom.

- 357 **Extra Double China.** Choice mixed. Pkt. 5c., oz. 30c.
 358 **Choicest Double Diadem or Japan.** Mixed colors. Pkt. 10c., oz. \$1.50.
 359 **Large-Flowered Fringed.** Pkt. 10c.
 360 **Double Pure White.** Pkt. 5c., oz. 50c.
 361 **Extra Double Scotch.** Hardy. Pkt. 15c.
 362 **Single Pheasant's Eye.** Hardy. Pkt. 5c.
 363 **Garden or Clove Scented.** Mixed. Pkt. 10c.
 364 **Collection of China and Japan Dianthus.** Twelve varieties, each color separate. Pkt. 10c.

Dianthus

Single Sorts

- 368 **Eastern Queen.** Beautifully marbled. Pkt. 10c.
 369 **Crimson Belle.** Crimson, very large, finely fringed. Pkt. 10c.
 371 **Salmon Queen** (*New.*) Pkt. 10c.
 370 **Choicest Mixed Single.** Large flowering. Pkt. 10c.

Daisy (*Bellis Perennis.*) The seed is saved from the finest double varieties, Daisies can be easily raised from seed sown in the spring.



Single Pinks.

- 338 **Snowball.** A large and very double pure white daisy of the "Longfellow" type. The flowers are borne on long stems, and are excellent for cutting. Pkt. 10c.
 339 **Longfellow.** Of unusual size, very double dark rose flower. Pkt. 10c.
 340 **Mixed.** Very choice. Pkt. 10c.
Digitalis (*Foxglove.*) A handsome and highly ornamental hardy perennial.
 353 **Monstrosa** (*Mammoth Foxglove.*) The largest and best type; all colors mixed. Pkt. 10c.
 354 **Gloxinæflora.** Gloxinia-shaped flowers. A lovely type; all colors mixed. Pkt. 5c.
Delphinium (*Perennial Larkspur.*) Sow very early in spring or in August and September.
 383 **Formosum.** Beautiful spikes of brilliant rich blue flowers with a white centre. Thirty inches high. Pkt. 10c.
 374 **Nudicaule.** Spikes of bright scarlet flowers. Eighteen inches high. Pkt. 10c.
 375 **Hybrid Mixed.** Pkt. 10c. *See also Larkspur.*
 379 **Dictamnus** (*Fraxinella.*) A hardy perennial, fragrant, free-flowering, herbaceous plant. Pkt. 10c.
 380 **Dracæna Indivisa.** For vases. Pkt. 10c., oz. 60c.



Helichrysum (Straw Flower).

& Straw Flowers

Everlastings

- 383 *Acroclinium*. Double-flowering. Pkt. 10c.
 384 *Acroclinium*. Single-flowering. Pkt. 5c.
 385 *Ammobium Alatum Grandiflorum*. Pkt. 5c.
 390 *Helichrysum Monstrosum*. Choice mixed. Pkt. 5c.
 391 *Rhodanthe*. Choice mixed. Pkt. 5c.
 392 *Statice Suworowi*. Pkt. 10c.
 393 *Xeranthemum Superb. Fl. Pl.* Mixed. Pkt. 10c.
 394 **Collection** as above, one pkt. each for 40c.

California Poppies



Eschscholtzia

[California Poppy.]

- 401 **White**. Hardy annual. Pkt. 5c.
 402 **Orange**. Hardy annual. Pkt. 5c., oz. 25c.
 403 **Mandarin**. Hardy annual. Pkt. 10c.
 404 **Cardinal Rose**. Hardy annual. Pkt. 10c.
 405 **Choice Mixed**. Hardy annual. Pkt. 5c., oz. 25c.
-
- 397 *Eupatorium* [*Fraseri*]. Herbaceous hardy perennial, blooming the first season from seed, producing clusters of white flowers. Pkt. 10c.
 409 *Euphorbia* [*Variiegated Snow on the Mountain*]. Attractive foliage, with white and green bracts on the tips of each branch, veined and margined with white. Pkt. 5c.
 410 *Heterophylla* [*Mexican Fire Plant, Painted Leaf*]. Pkt. 5c.
Feverfew [*Matricaria Eximia*]. Free-flowering herbaceous plants succeeding in any garden soil; hardy annual eighteen inches.
 413 **Grandiflora, Double White** [*M. Eximia Albi Plena*]. Seed saved from fine double flowers. Pkt. 10c.
 422 **Freesia** [*Refracta Alba*]. Very easily grown bulbs which can be readily produced from seed. The flowers are pure white with yellow throat, and are exquisitely fragrant. Pkt. 15c.
Foxglove. [See *Digitalis*.]
Forget-Me-Not. [See *Myosotis*.]
 426 **Fuchsia** [*Lady's Ear Drop*]. **Mixed**. All colors. Pkt. 25c.



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Gaillardia

Splendid bedding plants, continuing in beauty during the summer and autumn; half-hardy annuals.

- 451 **Picta Mixed**. Pkt. 5c., oz. 20c.
 452 **Picta Lorenziana**. Called the double variety on account of the fullness of the flower. Pkt. 5c., oz. 60c.
 453 **Grandiflora Superba**. The most beautiful of all the Gaillardias; it is a hardy perennial, but can be had in the bloom the first season from seed if sown early. Pkt. 10c., oz. 75c.
-
- 430 **Gazania Splendens**. Rich orange, black centre. Excellent plants for vases, edgings or beds. Pkt. 10c.
 433 **Geranium—Zonale, Mixed**. A superb strain of the largest and finest varieties; mixed colors. Pkt. 10c.
 434 **Apple Scented**. Sow in light soil, and keep moist until they germinate. Pkt. 10c.
 436 **Gentiana** [*Blue Gentian*]. A charming hardy perennial. Pkt. 10c.
Gomphrena [*Globe Amaranth Bachelor Button*].
 386 **White**. Pkt. 5c.
 387 **Orange**. Pkt. 5c.
 388 **Red**. Pkt. 5c.
 389 **Mixed**. Pkt. 5c.
Gesneria. A beautiful hothouse, bulbous-rooted plant, producing brilliant colored flowers; requires a light, rich soil.
 439 **Mixed**. Pkt. 25c.
Glaucium [*Horn Poppy*]. An ornamental foliage plant, recurved, silvery leaves, deeply cut to the rib. Flowers are orange yellow, bell-shaped and drooping; hardy biennial, two feet high.
 447 **Corniculatum**. Pkt. 5c., oz. 50c.
Golden Feather. [See *Pyrethrum*.]
Godetia. An attractive hardy annual. The plants bloom profusely, and bear showy flowers of rich and varied colors; eighteen inches high.
 473 **Choice Mixed**. Pkt. 5c.
Gourd [*Cucurbita*].
 477 **Calabash** [*The Dipper*]. Pkt. 5c.
 478 **Hercules' Club**. Club-shaped. Pkt. 5c.
 479 **Egg-Shaped**. Fruit white like an egg. Pkt. 5c.
 480 **Orange-Shaped, or Mock Orange**. Pkt. 5c.
 481 **Luffa** [*Dish Rag or Bonnet Gourd*]. Pkt. 10c.
 482 **Tricosanthes** [*True Serpent Gourd*]. Pkt. 5c.
 483 **Fine Mixed**. From a large collection. Pkt. 5c., oz. 20.



GLOXINIA



Gloxinia. (*Grassifolia Grandiflora*)

442 **International Mixture.** The best strain in existence, embracing all the choicest self-colored and tigered flowers. Pkt. 25c.

Grasses—Ornamental

- Cut when in full bloom, tie in small bunches and hang up in a dry, dark place, with heads down. Sow in May and transplant.
- 459 **Arundo Donax** (*New Zealand Pampas*). Pkt. 10c.
 - 460 **Avena Sterilis** (*Animated Oats*). Pkt. 5c.
 - 461 **Briza Maxima** (*Quaking or Rattlesnake Grass*). Pkt. 5c.
 - 462 **Bromus Brizaeformis**. Pkt. 5c.
 - 463 **Coix Lachrymæ** (*Job's Tears*). Pkt. 5c.
 - 464 **Eulalia Japonica**. Pkt. 5c.
 - 465 **Gynerium Argenteum** (*Pampas Grass*). Pkt. 10c.
 - 466 **Hordeum Jubatum** (*Squirrel Tail*). Pkt. 5c.
 - 457 **Pennisetum Longistylum**. Pkt. 5c.
 - 468 **Stipa Pennata** (*Feather Grass*). Pkt. 10c.
 - 49 The above collection, one pkt. of each, 50c.

- 495 **Grevillea Robusta.** A very beautiful and graceful decorative plant, with fernlike foliage; excellent for decorations. Pkt. 10c.
- Gypsophila.** Pretty, free-flowering, elegant plants for baskets, edgings and borders; succeeding in any garden soil.
- 489 **Paniculata.** White flowers, beautiful for bouquets, imparting a light, airy appearance; hardy perennial; two feet. Pkt. 5c.

Helianthus or Sunflower



Oscar Wilde Sunflower.

- 493 **Oscar Wilde.** Single. yellow with black centre. Pkt. 5c.
- 494 **Dwarf Double.** Pkt. 5c.
- 495 **Cucumerifolius Single.** Pkt. 5c.
- 496 **Double Globe Shaped.** Pkt. 5c.
- 497 **Mammoth Russian.** Pkt. 5c., qt. 10c.

Hibiscus

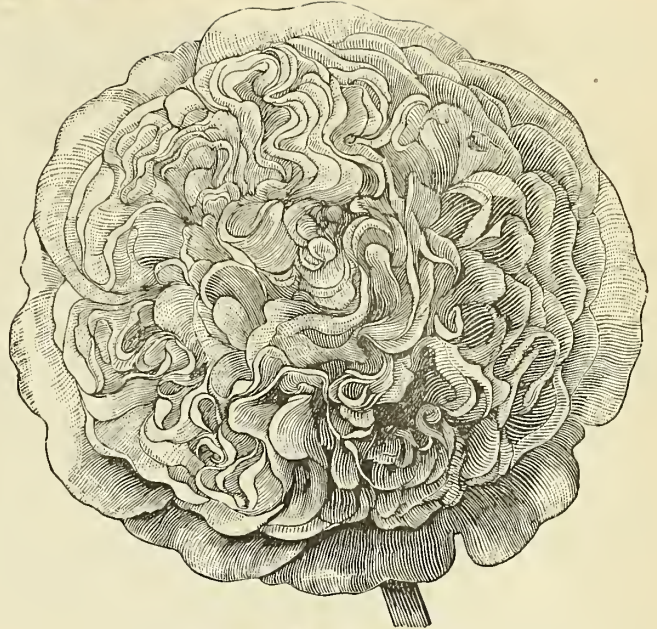
Showy ornamental plants for mixed beds or shrubbery borders.

- 501 **Palustris.** Large pink flowers; hardy perennial; three feet high. Pkt. 5c.
- 502 **Crimson Eye.** (*New*). Pkt. 10c.

HELIOTROPE

Seeds sown in the Spring will make fine plants for Summer blooming.

- 514 **Giant Hybrids Lemoines.** Produces extra large flower spikes in abundance. Pkt. 15c., 2 pks. 25c.
- 515 **Mixed.** Pkt. 10c. | 516 **Collection** of six sorts. Pkt. 40c.



Chater's Superb Hollyhock

Hollyhock (*Chater's Improved*)

Our seed has been saved from the best-named varieties. Seed sown in June and July will flower the following Summer; hardy.

- 504 **Pink.** Extra Double. Pkt. 10c., 1/4 oz. 40c., oz. \$1.25.
- 505 **White.** Extra Double. Pkt. 10c., 1/4 oz. 40c., oz. \$1.00.
- 506 **Red.** Extra Double. Pkt. 10c., 1/4 oz. 40c., oz. \$1.25.
- 507 **Yellow.** Extra Double. Pkt. 10c., 1/4 oz. 40c., oz. \$1.25.
- 508 **Salmon.** Extra Double. Pkt. 10c., 1/4 oz. 40c., oz. \$1.25.
- 509 **Mixed.** Extra Double. Pkt. 10c., 1/4 oz. 30c., oz. \$1.00.
- 511 **Chater's Collection.** Twelve colors, each separate, \$1.00.
- 612 " " Six colors, each color separate, 50c.

Hyacinth Bean—(*Dolichos*.)

A rapid growing plant for covering arbors, trellises, etc.

- 519 **Mixed.** All colors. Pkt. 5c., oz. 10c.
- 520 **New Yellow.** Pkt. 10c., 3 for 25c.




IMPATIENS SULTANI

Impatiens Sultani

523 Of compact neat habit of growth, and almost a perpetual bloomer. The flowers are of a brilliant rosy-scarlet color, about one and one-half inches in diameter. Pkt. 15c.

Ipomœa (*Large Morning Glory*)

- 524 **New Imperial, Mixed.** Pkt. 10c., 3 pkts. 25c.
- 526 **Grandiflora Superba.** Large blue flower, with broad white border. Pkt. 5c., oz. 20c.
- 528 **Mixed.** All colors. Pkt. 5c., oz. 15c.
- 527 **Noctiflora.** (*Moon Flower*). Pkt. 10c., oz. 60c.

- 531 **Japanese Hop Vine** (*Humulus Japonicus*). A very ornamental and fast growing climbing plant. Undoubtedly one of the best climbers for covering verandas, trellises, etc., never suffering from the heat, but retains its fresh color until late in the summer. Pkt. 10c.
- 532 **Variegated Japanese Hop Vine**. Pkt. 10c.
- 535 **Kenilworth Ivy** (*Linaria Cymbalaria*). A charming small, neat trailing plant, suitable for baskets, vases, pots and rock work. Pkt. 10c.
- Lantana**. One of the most desirable bedding plants, constantly in bloom.
- 538 **Mixed Colors**. Pkt. 10c.
- Lavender**. An aromatic plant, the leaves and flowers of which are dried and used for scenting clothing, rooms, etc.
- 541 **Blue**. Pkt. 5c.
- Larkspur** (*Delphinium*). Very free-flowering annuals.
- 544 **Dwarf Double Rocket**. Mixed colors. Pkt. 5c., oz. 25c.
- 545 **Tall Stock Flowered**. Mixed colors. Pkt. 5c., oz. 25c.
-  For Perennial Larkspur, see *Delphinium*.

Lobelia.

A dwarf plant with delicate, graceful foliage and pretty, fine flowers. For hanging baskets, pot culture, or bedding.


- 548 **Barnard's Perpetual**. One of the finest Lobelias grown. Brilliant blue flowers, with white blotch. Highly recommended for pots, vases or bedding. Pkt. 15c., 4 pkts. 50c.
- 549 **Crystal Palace Compacta**. A densely compact miniature variety, which, during the summer months, is studded with rich deep blue flowers, forming a perfect ball. Best for borders. Pkt. 10c.
- 550 **Emperor William**. A very compact variety, with fine, sky-blue flowers. Pkt. 10c.
- 551 **Crystal Palace Speciosa**. Of trailing growth; flowers of a superb ultramarine blue. Pkt. 10c.
- 552 **Royal Purple**. Very rich violet purple without any trace of blue, very striking and effective, thus showing off its clear white eye. Pkt. 10c.
- 553 **Gracilis**. A favorite trailing blue sort. Pkt. 5c.
- 554 **White Gem**. Forms a perfect ball of snow-white flowers; very charming appearance. Pkt. 10c.
- 556 **Mixed**. All colors. Annual. Pkt. 5c.
- 555 **Cardinalis** (*Cardinal Flower*). A hardy perennial native variety, with spikes of brilliant scarlet flowers, blooming the first season if sown early. Pkt. 10c.

- 561 **Linum** (*Scarlet Flax*). One of the most effective and showy bedding plants; hardy annual; one foot high. Pkt. 5c., oz. 20c.
- 564 **Lily of the Valley—Convallaria Majalis**. Lovely plants, bearing pure white fragrant bell shaped flowers. Pkt. 10c.
- 565 **Lophospermum Scandens**. Splendid climber. Pkt. 10c.
- Lychnis**. Handsome plants for massing in beds and borders, blooming the first year if sown early; hardy perennials.
- 568 **Haageana Mixed**. One foot high. Pkt. 10c.
- Lupinus**. [*Sun Dials*.] The seeds should be sown where they are to bloom, as they do not transplant well.
- 572 **Mixed**. All colors of annual varieties. Two feet high. Pkt. 5c., oz. 15c.
- 575 **Marvel of Peru** (*Four o'clocks*).—**Choice Mixed**. Pkt. 5c., oz. 15c.
- 592 **Maize—Striped-Leaved Japanese**. An ornamental corn, beautifully striped with green and white. Pkt. 5c., oz. 15c.
- Mimulus** (*Monkey Flower*). Showy, profuse flowering plants. Fine for greenhouse, or moist shady situations.
- 619 **Tigrinus, Choice Mixed**. The finest tigered and spotted varieties, rivaling the *Calceolaria* in its brightness. Pkt. 10c.
- 620 **Moschatus** (*Musk Plant*). Fine for hanging baskets, etc., small yellow flowers, fragrant foliage. Six inches high. Pkt. 10c.



Marigold (*Tagetes*).

The African is best for large beds, the French for small beds. Half-hardy annuals.

- 587 **Legion of Honour** ("Little Brownie"). Single flowering, compact bushes; six inches high. Begins flowering extremely early. The flowers are golden yellow, marked with a large spot of crimson velvet. Pkt. 5c.
- 579 **Gold Nugget**. Dwarf. Immense double flowers of a shade of golden yellow, resembling Australian gold. Pkt. 10c. oz. 40c.
- 580 **El Dorado**. The flowers are three to four inches in diameter, perfectly imbricated and double. Pkt. 10., oz. 40c.
- 581 **Lemon Yellow**. Large flowering, very showy. Pkt. 5c.
- 582 **Large African**. Tall, double, orange brown and yellow mixed. Two feet high. Pkt. 5c., oz. 30c.
- 583 **Dwarf French**. Mixed; double. One foot high. Pkt. 5c., oz. 40c.
- 584 **Double Pulchra**. The plants grow only twelve inches high; the numerous bright flowers stand out in bold relief. Each flower is perfectly double, of rich golden yellow with deep velvety-brown centre. Pkt. 10c.
- 585 **Collection Dwarf Marigold**, 6 varieties, 25c.
- 586 **Collection of Large African Marigolds**, 6 varieties, 25c.
-  See also *Calendula* and *Tagetes*,

Mignonette (*Reseda Odorata*).

If the plants are thinned out they will grow stronger and produce large spikes of flowers.

- 627 **Machet or French**. Without doubt the best as well as the sweetest sort in existence. Pkt. 10c., oz. 75c.
- 626 **Allen's Defiance**. The largest of all. Pkt. 10c.
- 638 **Quaker City**. The flower spikes are of great substance. Rounded at the top, of a handsome gold-red color, and unusually rich, sweet fragrance. Pkt. 10c., ¼ oz. 25c.
- 629 **Bird's Mammoth**. Pkt. 10c. oz. \$1.00
- 630 **Miles Hybrid Spiral**. Of dwarf, branching habit, with spikes from eight to ten inches long. Pkt. 5c., oz. 5c.
- 631 **Parson's White**. Large spikes, very fragrant. Pkt. 5c.
- 633 **Golden Queen**. Very attractive golden yellow. Pkt. 10c., oz. 25c.
- 634 **Sweet Scented**. Pkt. 5c., oz. 15c.
- 632 **Gabriele**. Pkt. 10c., oz. 75c.
- 635 **Grandiflora**. Plants pyramidal. Pkt. 5c., oz. 30c.
- 637 **Eloise Francois**. Giant spikes. Pkt. 10c., ¼ oz. 30c.
- 636 **Collection of Mignonette**, ten varieties. Pkt. 5c.



Machet Mignonette.

Moon Flower (*Ipomœa*).

- 527 **Noctiflora**. Blooms the first season from seed. At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers, five to six inches in diameter. It grows very rapidly, and will cover a large surface. Pkt. 10c., oz. 60c.
- 522 **Heavenly Blue**. Flowers four to five inches across, in large clusters of light blue with a yellow throat. This climber is so completely covered with bloom as to almost cover the foliage. It is also a splendid conservatory climber. Pkt. 15c.

Maurandia

A most beautiful climber of rapid and slender growth, producing an abundance of pretty, tube-shaped flowers, which continue to bloom until late in fall. Ten feet high,

- 595 **Pink**. Pkt. 10c.
 596 **Barclayana**. Purple. Pkt. 10c.
 597 **White**. Pkt. 10c.
 598 **Mixed**. All colors. Pkt. 10c.

Mesembryanthemum (*Ice Plant*).

- 602 **Crystallinum, White**. Pkt. 5c.
 603 **Cordifolium Variegatum**. Pkt. 10c.

**Myosotis** (*Forget-Me-Not*).

Neat and beautiful little plants, succeeding best in a shady, moist situation. Half-hardy perennials, blooming the first year from seed, if sown early.

- 607 **Alpestris Victoria**. Of bushy habit, bearing large, bright blue flowers. The plant attains a diameter of eight to ten inches, and when fully grown is globular in shape and perfectly covered with flowers. Pkt. 10c., oz. \$4.00.
- 608 **Alpestris Cœrulea** (*Alpine*). Bright blue. Pkt. 10c.
- 609 **Eliza Fanrobert**. The most robust grower; specially adapted for outdoor growing; flowers very large, blue. Pkt. 10c., oz. \$1.50.
- 610 **Dissitiflora**. Compact habit; pinkish blue. An attractive bedding plant; six inches high. Pkt. 10c.
- 611 **Palustris Semperflorens**. The most desirable sort for cutting or greenhouse use. Pkt. 10c.
- 612 **Mixed**. All sorts. Pkt. 5c.

Mimosa Pudica. [See *Sensitive Plant*.]

Morning Glory. [See *Convolvulus and Ipomœa*.]

625 **Musa Ensète, Banana**. Fresh seed. Pkt. 10 seeds, 25c.

Nierembergia Gracilis. Half-hardy perennial, perpetually in bloom, flowering the first year if sown early; desirable for baskets or vases; one foot high.

644 **White**. Tinted with lilac. Pkt. 10c.

647 **Nicotiana Affinis** (*Ornamental Tobacco*). A very pretty large-flowering species of tobacco, producing large, pure white, fragrant flowers. Pkt. 5c.

Nemophila. Of neat, compact habit; plant in a rather cool, shady place, and in not too rich a soil; hardy annuals; one foot high.

650 **Insignis**. Bright blue flowers, white centre. Pkt. 5c.

Nolana. Desirable plants for hanging baskets, bearing bell-shaped flowers. 654 **Mixed**. Pkt. 5c.

Oxalis

Beautiful small plants, suitable for the greenhouse, baskets or outdoor culture; flowering the first year if sown early; half-hardy perennial.

- 662 **Mixed**. Pkt. 10c.
 663 **Tropœoloides**. Very desirable border plant, foliage dark copper color. Pkt. 10c., ¼ oz. 50c.

Oenothera (*Evening Primrose or Sundrops*).

- 658 **Hardy Annual**. Mixed colors. Pkt. 5c.

Pinks. [See *Dianthus*.]

- 704 **Perilla** (*Nank. Atrop. Laciniatus*). Very showy bronze foliage, adapted for large beds. Pkt. 5c.

Portulaca

Brilliant and beautiful flowers, used in baskets, beds or edgings; their splendid flowers, produced in great profusion, are very effective; succeed best in light, sandy soil; want to be exposed to full glare of the sun.

- 769 **Choicest Mixed Single**. All colors. Pkt. 5c., oz. 35c.
 770 **Choicest Mixed Double**. Pkt. 10c., ⅛ oz. 50c.

Polyanthus. These rank among the prettiest of plants for borders, rockeries, etc. When once established they grow in any common soil, but they succeed best in rich soil, and a position somewhat moist and shaded.

- 774 **Choicest English Mixed**. Including the gold laced. Pkt. 15c.
 775 **Double Mixed** (*Hose in Hose*). Pkt. 15c.



Golden Feather.

Pyrethrum [*Feverfew*].

Yellow Foliage Sorts for Bedding.

- 778 **Aureum** [*Golden Feather*]
 Best for edging. Pkt. 10c., oz. 80c.
 779 **Selaginoides** [*Fern Leaved*] Pkt. 10c.

Flowering Sorts (Perennial).

- 780 **Hybridum**. Hardy perennial bearing large flowers ranging in color from light pink to deep red; bright yellow centres; one of the prettiest and best of hardy plants; two feet high. Pkt. 10c.
- 781 **Roseum** [*Dalmatian, or Persian Insect Powder Plant*]
 Flowers bright rose, of large size. Pkt. 10c.
- 782 **Uliginosum**. Giant white daisy. Pkt. 10c.

Passiflora.

(*Passion Flower*.)

- 700 **Southern Beauty**. Beautiful climber, hardy, with protection blooms profusely; colors blue, white, pink and red, in mixture. Pkt. 10c., 3 for 25c.



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NASTURTIIUMS



Nasturtiums are among the most useful and beautiful of annuals for bedding, massing, etc., owing to their compact growth, richness of color and profusion of blooming. They flower most profusely when planted in a poor soil.

Climbing Nasturtiums

Specially adapted for trellises, verandas, vases and hanging baskets.

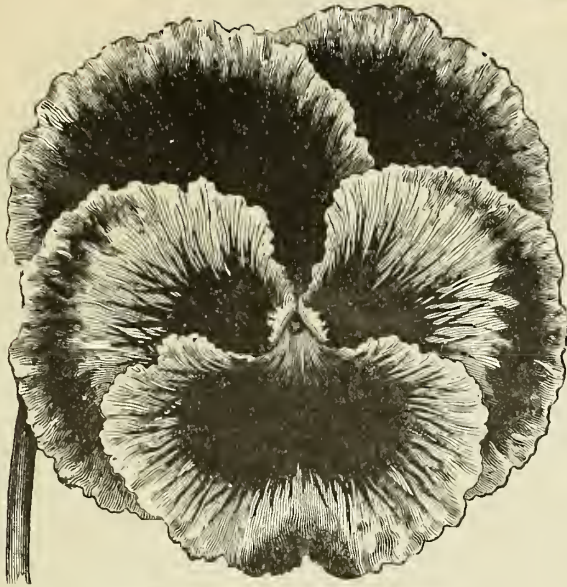
- 685 **Madam Gunther's Hybrids.** For richness and variety of colors these new hybrids have no equals among Nasturtiums. The foliage is mostly dark, contrasts very effectively with the rich colors. They are climbers and are free and continuous bloomers. Pkt. 10c., oz. 40c.
- 686 **Crimson.** Pkt. 5c., oz. 20c.
- 687 **Violet.** Pkt. 5c., oz. 20c.
- 688 **Straw-Colored Striped.** Pkt. 5c., oz. 20c.
- 689 **Orange.** Pkt. 5c., oz. 20c.
- 690 **King Theodore.** Dark foliage and almost black flowers. Pkt. 5c., oz. 25c.
- 691 **Scarlet.** Pkt. 5c., oz. 20c.
- 692 **Mixed.** All colors. Pkt. 5c., oz. 15c., lb. \$1.25.
- 693 **Collection of Climbing Nasturtiums,** 12 varieties 50c.
- 694 **Lobbianum, Choice Mixed.** Especially adapted for greenhouse or conservatory. Pkt. 5c., oz. 35c.
- 695 **Spitfire, Bright Crimson.** Pkt. 10c., oz. 40c.

Tom Thumb or Dwarf

- 666 **Liliput.** An entirely new class of Dwarf Nasturtiums in every respect smaller than the Tom Thumb, and the dainty little flowers, produced in the greatest profusion and jauntily peering

TOM THUMB OR DWARF—Continued.

- up well above the small bushy foliage, make it one of the prettiest annuals. The blossoms appear in the most various colors, and it is especially noteworthy that some new shades appear among them, such as are not represented in the old class. This feature and the further one that the seed is much smaller than the one in the Tom Thumb Nasturtiums and similar to that of the Lobbianum section, are the best evidences that we have here to do with an entirely new break in the Tropæolum family. All colors in choicest mixture. Pkt. 10c., oz. 50c.
- 667 **Aurora.** A new dwarf. The plant forms a perfect globe and is literally covered with yellow, blotched with crimson flowers, completely hiding the foliage when in full bloom. Pkt. 10c., oz. 35c.
- 668 **Ladybird.** A new and distinct sort. The ground color is a rich golden yellow, each petal barred with a broad vein of bright ruby crimson; very showy and charming. Pkt. 5c., oz. 25c.
- 669 **Scarlet.** Pkt. 5c., oz. 25c. 670 **Yellow.** Pkt. 5c., oz. 25c.
- 671 **Pearl.** Pkt. 5c., oz. 25c. 672 **Spotted.** Pkt. 5c., oz. 25c.
- 673 **King Theodore.** Almost black. Pkt. 5c., oz. 25c.
- 674 **Pink.** Pkt. 5c., oz. 25c.
- 675 **Golden King.** Deep golden yellow flowers. Pkt. 5c., oz. 25c.
- 676 **Empress of India.** Splendid new dwarf variety, with very dark leaves and crimson flowers. Pkt. 5c., oz. 25c.
- 677 **Cloth of Gold.** Beautiful for borders or edging. Foliage bright golden yellow; flowers scarlet. Pkt. 10c., oz. 30c.
- 678 **Dwarf or Tom Thumb Mixed.** All colors. Pkt. 5c., oz. 15c., ¼ lb. 35c., lb. \$1.25.
- 679 **Collection of Dwarf Nasturtiums,** 12 varieties, each color separate, 50c.



Mitchell's Giant Exhibition Pansy.

Pansy

- 746 **Mitchell's Giant Exhibition Pansy.** In mixture. A strain which we have secured from one of the leading pansy specialists in Germany, to which we added the cream of the Paris strain, also the choicest to be had from Scotland. It can be relied on to give flowers of immense size, very heavy texture, and of the most brilliant colors. Pkt. 25c., $\frac{1}{2}$ trade pkt. 50c., $\frac{1}{8}$ oz. \$1.00, oz. \$6.00.
- 748 **Bugnot's and Cassier's Mammoth French Mixed.** Pkt. 25c., $\frac{1}{8}$ oz. \$1.00.
- 749 **Trimardeau [True].** Excellent large flowers, each petal blotched; choice mixture. Pkt. 15c., four pkts. 50c.
- 744 **Giant White.** Pkt. 25c.
- 745 **Giant Yellow.** Pkt. 25c.
- 750 **Ne Plus Ultra.** Immense flowers of the most beautiful colors; a strain we can safely recommend to our customers. Pkt. 25c., three pkts. 60c.
- 751 **Odier [Five Blotched].** A beautiful strain of various-colored, large, handsome, perfectly formed flowers. Pkt. 15c.
- 752 **Finest Mixed Imported.** Pkt. 10c., oz. \$1.50.
- 753 **Very Fine Mixed.** All colors. Pkt. 5c., oz. \$1.00.

Pansies in Separate Colors

Selected seed from the first crop of blooms true to color and of large size.

- 754 **Lord Beaconsfield.** Purple, violet and white. Pkt. 10c., oz. \$1.25.
- 755 **Faust [King of the Blacks].** Pkt. 10c., oz. \$1.00.
- 756 **Emperor William.** Ultramarine blue. Pkt. 10c., oz. \$1.00.
- 757 **Belgian Striped.** Pkt. 10c., oz. \$1.00.
- 767 **Mahogany Color.** Pkt. 10c., oz. \$1.00.
- 758 **Snow Queen.** Very large, satiny white. Pkt. 10c., oz. \$1.00.
- 759 **Yellow Gem.** Pure yellow, without eye. Pkt. 10c., oz. \$1.00.
- 760 **Gold Margined.** Pkt. 10c., oz. \$1.00.
- 761 **Silver-Edged.** Pkt. 10c., oz. \$1.00.
- 762 **Blue.** Pkt. 10c., oz. \$1.00.
- 763 **Yellow.** Pkt. 10c., oz. \$1.00.
- 766 **Havana Brown.** Pkt. 10c., oz. \$1.00.
- 764 **Collection** of choice imported Pansies, each color separate. Six varieties. Pkt. 40c.
- 765 **Collection** of twelve varieties 75c.



Petunia

- 731 **Giants of California.** Most of the flowers are exquisitely fringed on the edges, and of enormous dimensions (four to five inches across) but their great merits lie in the varieties of colors, blotchings and stripings. Pkt. 25c. five pkts. \$1.00.
- 733 **Large-flowering, Fringed, Mottled and Striped.** Finest strain of single petunias procurable. Pkt. 20c., $\frac{1}{8}$ oz. \$1.00.
- 734 **Hybrida Nana Compacta Multiflora ("The Star").** Dwarf habit and profuse bloomer, eight inches high. Pkt. 10c.
- 740 **Pure White.** Pkt. 10c.
- 735 **Very Choice Mixed.** Blotched and striped. Pkt. 10c., oz. \$1.00.
- 736 **Fine Mixed.** All colors. Pkt. 5c., oz. 6 c.
- 737 **Collection** of large-flowering single petunias, six varieties, 50c.
- 738 **Large-flowering, Single.** Twelve varieties \$1.00.



Double-Fringed Petunia.

- 732 **Double-Fringed and Hybridized.** Selected and hybridized with the greatest of care, and can be relied upon to produce a large percentage of double flowers of bright colors. Pkt. 25c., five pkts. \$1.00.
- 706 **Pentstemon.** One of the most beautiful and attractive herbaceous plants; bearing long, graceful spikes of rich-colored flowers; will bloom the first season if sown early, and planted out in May; half-hardy perennials, two feet. Mixed all colors. Pkt. 10c.



*
PHLOX
*

Phlox Drummondii

A very hardy annual, invaluable for bedding, masses and cut flowers, from its bright colors, which vary from the purest snow white to the deepest blood red, and the unusual length of its blooming season. There is no annual which can compare for beauty, duration of bloom, brilliancy of colors and usefulness to the phlox.

Grandiflora Varieties

GROWN BY A SPECIALIST

- 708 **Alba, Pure White..** Excellent for cutting. Pkt. 10c., oz. \$1.00.
- 709 **Coccinea.** Scarlet. Pkt. 10c., oz. \$1.00.
- 710 **Striped.** Brilliant scarlet striped with white. Pkt. 10c.
- 711 **Pink.** Delicate and bright shades. Pkt. 10c.
- 712 **Stellata Splendens.** Brilliant red, with large white star. Pkt. 10c.
- 713 **Collection** of twelve varieties. Pkt. 75c.
- 714 **Choice mixed.** Contains twenty-five colors. Pkt. 10c., oz. 75c.
- 714 **Very Fine mixed.** Pkt. 5c., oz. 60c.

Dwarf or Compact Varieties

(Strictly True.)

- 719 **Snowball.** Pure white. Pkt. 15c., $\frac{1}{8}$ oz. 50c.
- 720 **Fireball.** Brilliant scarlet. Pkt. 15c., $\frac{1}{8}$ oz. 50c.
- 721 **Pink.** Beautiful shade. Pkt. 15c., $\frac{1}{8}$ oz. 50c.
- 722 **Scarlet.** Striped with white. Pkt. 15c., $\frac{1}{8}$ oz. 50c.
- 724 **Choicest mixed.** Dwarf. Pkt. 10c., oz. \$2.50.
- 723 **Double White.** A profuse bloomer; about sixty per cent. of the seed sown will produce double flowers; should be grown in a sandy soil. Pkt. 10c.

Phlox—Other Varieties

- 725 **Double Scarlet.** Pkt. 10c.
- 726 **Frimbriata** [*Star of Quedlinburgh*]. Entirely distinct from the other type of phlox. Each petal is elongated and pointed. Beautiful colors in mixture. Pkt. 10c.
- 727 **Hardy Phlox** [*Phlox Decussata*]. These rank among the finest herbaceous perennials for beds and borders; mixture of the finest flowers. Pkt. 10c.
- 728 **Double Yellow** [New]. Pkt. 10c.



Chinese Primrose

Michell's Prize Fringed Primula.

Primula [*Sinesis Frimbriata—Chinese Primrose*].

- 794 **Michell's Prize mixture.** Grown by a primula specialist, who has received prizes wherever he has exhibited the plants. The seed is of crop of 1895, and can be relied upon. Pkt. 25c., $\frac{1}{2}$ oz. \$1.00, $\frac{1}{8}$ oz. \$3.75.

PRIMULA—Continued.

- 795 **Williams' Superb Strain.** The finest English mixture; can be relied upon to produce satisfactory results. Pkt. 40c.
- 796 **Kermessina Splendens.** Brilliant red with yellow centre. Pkt. 25c.
- 797 **Holborn Blue.** Fully fifty per cent. will come blue if given warmer treatment than other sorts. Pkt. 40c.
- 798 **Alba Magnifica.** Trusses of very large white flowers with a showy citron eye. Pkt. 40c.
- 799 **Collections** containing eight separate varieties, all fringed and named. Pkt. 75c.
- 800 **Fern Leaved, choice mixed.** Pkt. 25c.

Double Primrose

- 804 **Pure White.** Pkt. 50c. 805 **Choice mixed.** Pkt. 50c.

Primula—Other Sorts

- 808 **Primula Floribunda.** One of the most attractive. Producing very fragrant flowers in abundance. Treatment similar to Primula Obconica. Pkt. 25c.
- 809 **Obconica.** The popular and ever blooming White Primrose. Pkt. 15c.

Hardy Primrose

- 811 **Primula Veris** [*English Cowslip*]. Flowers of different colors, yellow, brown and yellow edged, etc., very fragrant. Pkt. 10c.
- 813 **Primula Vulgaris.** The common hardy English variety, light canary yellow color. Pkt. 10c.

- 791 **Rosa Rugosa** (*Japanese*). One of the handsomest in cultivation. Forms a sturdy bush four to five feet high, covered with dark green glossy foliage, crowned with large single roses three inches in diameter, borne in clusters of ten to twelve flowers. The flowers are of bright rosy crimson, followed by large handsome scarlet fruit during the autumn months. Pkt. 25c.

Schizanthus [*Butterfly Flower*].

- 847 **Papilionaceous mixed.** One of the finest annuals in cultivation. The flowers are as handsome as some of the orchids, and productive continually. Pkt. 5c.

- 792 **Rose—Hybrid Polyantha or Fairy.** These beautiful little roses are borne in large clusters, and will flower throughout the summer until frost, from seed sown early in the spring. Flowers are of various colors, most of them double, although a few of them will come semi-double and single. Mixed colors. Pkt. 15c.

- Silene** [*Catchfly*]. Adapted for beds, borders or ribbon-gardening; of easy culture, growing in any garden soil; hardy annual; one foot high.
- 851 **Mixed.** Producing charming flowers in profusion. Pkt. 5c.
- 852 **Pendula.** Beautiful pink flowers—excellent for cutting. Pkt. 10c.



Poppy

Showy and ornamental plants with large flowers of brilliant colors. Very attractive in large beds, clumps and mixed borders. They are of very easy culture, and succeed in any garden soil; the seed should be sown where it is to remain, as they do not stand transplanting.

Single Varieties (Annual).

- 826 **New Fayal.** The seeds of these poppies came originally from the Fayal I-lands. They are charming dwarf poppies, double and single; like crinkled tissue paper and are very imaginable poppy color, deepest red, terra cotta, salmon, exquisite pink, snowy white, pink and gray. Pkt. 15c., 4 pkts. for 50c.
- 817 **Shirley Poppies.** These charming poppies are generally single or semi-double. The range of color extends from pure white, through the most delicate shades of pale pink, rose and carmine, to deepest crimson. The blooms, if cut when young, will stand for several days without drooping. Pkt. 5c., oz. 50c.
- 818 **Umbrosom.** Rich vermilion with a deep shining dark purple spot. Pkt. 5c., oz. 50c.
- 819 **Danebrog.** Flowers of a brilliant scarlet, bearing a silvery white spot on each of the four petals, resembling a cross. Pkt. 5c., oz. 40c.
- 825 **Mikado Striped Japanese.** Pkt. 10c.

Double Varieties (Annual).

- 820 **Crimson King.** Flowers perfectly double and round as a ball. A charming effect can be made by sowing this variety and Snowdrift together. Pkt. 10c.

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Iceland Perennial Poppy.

DOUBLE ANNUAL POPPIES—Continued.

- 821 **Snowdrift.** Pure snow-white, very double, of large size and perfectly round. This is the best double white variety yet offered. Pkt. 10c.
- 822 **Fairy Blush.** Very double pink flowers, elegantly fringed, tipped with white. Pkt. 10c.
- 823 **Paeony-flowered.** Large and very double; mixed colors. Pkt. 5c., oz. 20c.
- 824 **Imported Collections of Dwarf Double Poppies,** six varieties. Pk. 25c.

Poppy, Perennial Sorts

This class of poppies has become one of the most popular flowers of late, so that no garden is complete without them. Seed can be sown early in the spring and they will bloom the first season. Seeds can also be sown in August and September in the open ground and they will bloom early the following summer.

- 827 **Iceland Mixed.** The colors range from the purest white and yellow to the deepest glowing orange scarlet, and have a delicious fragrance. The profusion of flowers is really astonishing. They are very fine cut flowers and will last a week if cut as soon as they are open. Mixed Colors. Pkt. 10c., three pkts. for 25c.
- 828 **Giant Orange.** Pkt. 10c., three for 25c.
- 829 **Giant Scarlet.** Pkt. 10c., three for 25c.
- 830 **Collection of eight varieties.** Each color separate. 40c.
- 831 **Tulip Poppy.** No adequate idea can be gained of the strikingly beautiful effect presented by a bed or mass of this magnificent poppy when the plants are in full bloom, the color being, even when seen from a distance, of such a glowing scarlet as to perfectly dazzle the eye, suggesting at once a bed of scarlet tulips. The plants grow about fourteen inches high, and produce from fifty to sixty flowers, well above the foliage. Pkt. 10c.

Ricinus [Castor Oil Bean].

Stately, strong growing plants, with very ornamental foliage, particularly well adapted as centre plants of groups of euanas, Japanese maize, caladiums, dahlia, etc. Height, four to fifteen feet.

- 785 **Cambodgensis.** This new sort grows from six to eight feet high, with large, palm-like leaves of the darkest bronzy maroon; stalk and stem nearly black. Very effective. Pkt. 10c., oz. 40c.
- 786 **Borboniensis Arboreus.** Very large and beautiful foliage; fifteen feet high. Pkt. 5c., oz. 20c.
- 787 **Gibsoni or Duchess of Edinburgh.** Dwarf branching habit, deep red foliage; five feet high. Pkt. 5c., oz. 25c.
- 788 **Sanguineus.** Blood-red stalks and clusters of red fruit; eight feet high. Pkt. 5c., oz. 20c.
- 790 **Mixed.** All sorts. Pkt. 5c., oz. 20c.
- 789 **Zanzibariensis (Palma Christi).** An entirely new and distinct class. The plants attain great dimensions, presenting a splendid aspect with their gigantic leaves, which range from a brilliant coppery bronze to light and dark green; the ribs also are of bright colors and contrast nicely with the leaves. Pkt. 10c., oz. 40c.

Solanum

A very useful pot plant for winter decoration, of a dwarf branching habit; leaves small and oval-shaped; bearing in the greatest profusion bright scarlet globular berries. Very ornamental.

- 866 **Hendersoni.** One foot. Pkt. 10c.

Sensitive Plant (Mimosa Pudica).

- 850 **Curious and interesting plants,** with pinkish-white flowers; the leaves close and droop when touched or shaken; they require a mixed soil of peat, loam and sand. Pkt. 5c.



Ricinus Cambodgensis (Castor Oil Bean).

**Castor
Bean**





Scarlet
Sage

Salvia (*Scarlet Sage*)

A favorite bedding plant, bearing long spikes of flowers in great profusion from July to October; half-hardy perennials, blooming the first year from seed; three feet high.

- 836 **Splendens** (*Scarlet Sage*). Beautiful, bright scarlet. The effect of this plant cannot be equaled for brilliancy from August until frost. Pkt. 10c., $\frac{1}{4}$ oz. 50c.
 837 **Coccinea**. Very free-flowering species, brilliant scarlet flowers, not as large as Splendens. Pkt. 5c.
 838 **Clara Bedman** (*New Dwarf*). One of the showiest and most brilliant color plants in existence; its habit is very dwarf and has twice as many flowers on the plant at one time as Splendens. Pkt. 15c., four pkts. 50c.
 839 **Patens**. Rich blue. Pkt. 15c.



Saintpaulia ionantha

- 875 The leaves are dark green; flowers, violet-like both in color and shape, but one and a quarter inches in diameter, and gracefully borne on stalks two to three inches high. The plant is of neat and compact habit. Pkt. 25c.

Salpiglossis

A class of highly ornamental autumn flowering plants with beautifully veined and tinted funnel-shaped flowers similar to a fancy Petunia, rendering them very effective in beds and borders. A very choice annual, eighteen inches high.

- 842 **Grandiflora**. Fine mixture of new large-flowering varieties. Pkt. 5c.
 843 **Collection** of six separate colors of the large-flowering varieties. Pkt. 30c.

Sedum (*Stone Crop*).

- 853 A pretty and useful little plant, growing freely on rockwork, hanging baskets, etc.; mixed colors and varieties; hardy perennial; three inches high. Pkt. 10c.

Smilax

- 858 Soak the seed for twenty-four hours in warm water before sowing. Pkt. 10c., oz. 50c., lb. \$4.00.

Stevia Serrata

- 864 Free-blooming plant, bearing a multitude of fragrant white flowers; suitable for summer or winter blooming. Pkt. 10c.

Scabiosa (*Morning Bride*).

One of the handsomest summer plants, producing in great profusion very double flowers in a variety of shades and colors; a splendid flower for table bouquets; hardy annuals.

- 884 **Caucasica**. One of the handsomest of hardy perennials especially valuable for cutting, the blooms lasting a long time in water; lilac-blue; 3 feet. Pkt. 10.
 883 **Dwarf Mixed**. Double, all colors, one foot high. Pkt. 5c., oz. 25c.
 878 **Double White**. Pkt. 5c., oz. 25c.
 879 **Double Blue**. Pkt. 5c., oz. 30c.
 880 **Double Pink**. Pkt. 5c., oz. 30c.
 881 **Double Red**. Pkt. 5c., oz. 30c. | 882 **Double Yellow**. Pkt. 15c.



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Stocks

- 885 **Princess Alice** (*Cut and Come Again*). A fine perpetual blooming stock, growing about two feet high. If sown early, it commences blooming in June and continues until destroyed by frost. It produces perfect flowers during September and October, when other varieties sown at the same time have faded. It throws out numerous side branches bearing clusters of very double, pure white fragrant blossoms, and is excellent for cutting. Pkt. 10c., $\frac{1}{8}$ oz., 50c.

Ten-Week Stocks (*Large-flowering Dwarf Sorts.*)

Very desirable as a pot plant or for outdoors. The seed we send out is from pot-grown plants, therefore will produce at least seventy per cent. of large double flowers. For early flowering, start the seeds in a greenhouse or hotbed, and transplant into the garden in May after all danger of frost is over; half-hardy annual.

- 887 **White**. Pkt. 10c., $\frac{1}{8}$ oz. 50c.
 888 **Blood-Red**. Pkt. 10c., $\frac{1}{8}$ oz. 50c.
 889 **Blue and Purple**. Pkt. 10c., $\frac{1}{8}$ oz. 50c.
 890 **Pink**. Pkt. 10c., $\frac{1}{8}$ oz. 50c.
 895 **Mixed**. All colors. Pkt. 10c., $\frac{1}{8}$ oz. 50c.
 891 **Snowflake**. Best white for pot culture. Pkt. 15c.
 892 **Wallflower-leaved, Mixed**. Pkt. 10c.
 897 **Wallflower-leaved, White**. Pkt. 10c.
 899 **Wallflower-leaved, Blood-Red**. Pkt. 10c.
 893 **Intermediate Blooming**. Choice mixed. Pkt. 10c.
 894 **East Lothian**. Choice mixed. Pkt. 15c.
 896 **Collection** of eight varieties; ten-week stocks. Pkt. 50c.

Virginian Stock

- 898 **Mixed**. All colors. Pkt. 5c.

Sweet William (*Dianthus Barbatus*).

A well known plant which has been greatly improved of late years producing splendid effect in beds and shrubbery; hardy perennial; 1 $\frac{1}{2}$ feet high.

- 867 **Auricula-flowered, Mixed**. A beautiful class of "eyed" single varieties, all colors. Pkt. 5c., oz. 40c.
 868 **Double Mixed**. The finest colors saved from a splendid double collection. Pkt. 10c., oz. \$1.00.

Sweet Sultan

- 873 **Choice Mixed**. Pkt. 5c., oz. 25c.

New
Crop

SWEET
...PEAS

ECKFORD'S
NEW MAMMOTH
FLOWERING

When properly grown, are nearly double the size of the ordinary varieties, of perfect form, and present combination in markings and colors heretofore unknown in this exquisite flower. The seed should be sown as early as the ground can be worked in the spring, to enable the vines to get a good strong growth before the warm weather comes. Prepare the ground by thoroughly working in a large quantity of well-rotted manure. Make a trench six inches deep; in this sow the seed and cover two inches deep. As soon as the plants begin to show through, fill in the trench. This will secure a deep planting without the bad effect of deep covering of the seed at first, and so enable the plant to bloom continually through the heat of summer. As fast as the flowers come into full bloom or fade, they should be cut off, for if the seed pods are allowed to form, the plants will stop blooming. Seed may also be sown late in the autumn.

....PRICE OF SWEET PEAS....

All the following NAMED sorts (except where noted), 5c. per pkt., 10c. per oz., 25c. per 1/4 lb., 75c. per lb.

Choice Mixed, all Colors, 5c. per oz., 15c. per 1/4 lb., 50c. per lb.

Michell's Gilt Edge Mixture, containing only the very finest large flowering sorts, mixed by ourselves, 5c. per pkt., 10c. per oz., 20c. per 1/4 lb., 65c. per lb., 5 lbs. \$2.75.

- 900 **American Belle.** Beautifully striped.
- 901 **Apple Blossom.** Standard bright pinkish rose, wings blush.
- 917 **Blanche Ferry Extra Early.** Ten days earlier than Blanche Ferry; very desirable. Oz. 15c., 1/4 lb. 30c., lb. \$1.00.
- 918 **Blanche Ferry.** The most popular variety yet introduced. It is earlier and hardier than any other, of dwarf and

very compact growth, and can be grown without support, making it especially desirable for forcing. The flowers are of large size and are produced in great abundance; of a beautiful pink and white color.

- 924 **Blanche Burpee.** Large pure white.
- 925 **Cupid.** White dwarf. Pkt. 10c., oz. 30c.
- 902 **Boreatton.** Fine deep maroon color.

- 903 **Cardinal.** Bright, shining crimson scarlet

- 937 **Countess of Radnor.** The best lavender.

- 904 **Emily Henderson.** Very large white.

- 1001 **Fire Fly.** Glowing crimson.

- 905 **Grand Blue.**

- 906 **Indigo King.** Rich indigo blue.

- 907 **Isa Eckford.** Creamy white suffused with rosy pink.

- 921 **Katherine Tracy.** Soft pink.

- 908 **Lottie Eckford.** White and blue.

- 909 **Miss Hunt.** Pale carmine salmon standards, with soft pink wings.

- 1004 **Mikado.** White orange.

- 912 **Monarch.** Very fine maroon.

- 910 **Orange Prince.** Bright orange pink, flushed with scarlet.

- 911 **Primrose.** Pale primrose yellow.

- 919 **Princess Beatrice.** Bright pink.

- 913 **Queen of England.** Pure white, large, fine.

- 922 **Senator.** The finest chocolate color variety.

- 914 **Splendor.** Rich bright pinkish rose, shaded with crimson.

- 935 **Venus.** Of the largest expanded form; color a rich salmon-buff.

- 916 **Michell's Gilt Edge Mixture.** Pkt. 5c., per lb. 65c.

- 1003 **Fine Mixed.** Oz. 5c., lb. 50c.

- 915 **Collection** containing 20 ounces, 1 ounce of each, separate, \$1.50.

- 923 " " 20 packets, 1 packet of each, 75c.

- 1002 " " 10 " " 40c.

- Red Riding Hood (Novelty).** Pkt. 15c., four pkts. 50c.

EVERLASTING PEAS.

920 **Choicest Mixed.** Hardy perennial. Will bloom the first season if sown early. Pkt. 5c., oz. 30c.



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A. PLANG



Michell's Gilt Edge Mixture of Eckford's Sweet Peas.

Verbenas

Easily grown from seed. If sown early in spring they will flower quite early in the season. Indispensable for bedding and edging. The seed has been saved from one of the finest collections.

- 928 **White Mammoth.** Pkt. 10c.
 929 **Scarlet Mammoth.** Brilliant, large eye. Pkt. 10c.
 930 **Blue.** With large eye. Pkt. 10c.
 931 **Extra Choice Mixed.** From named varieties. Pkt. 10c., $\frac{1}{2}$ oz. 30c., oz. \$2.00.
 933 **Very Fine Mixed.** Pkt. 5c., oz. \$1.00.
 934 **Michell's Mammoth Choicest Mixed.** These cannot be surpassed for size and color. Pkt. 15c., $\frac{1}{2}$ oz. 50c., oz. \$2.50.

Lemon Verbena

- 935 **Aloysia Citriodora.** Fragrant lemon-scented foliage. Pkt. 10c.

Thunbergia [*Black Eyed Susan*].

Rapid-growing climbers, thrive in light, rich soil; very pretty; borne profusely during the season. Fine for vases, rustic work, etc.

- 940 **Alba Oculata.** White, dark eye. Pkt. 5c., oz. 40c.
 941 **Alata.** Buff, dark eye. Pkt. 5c., oz. 40c.
 642 **Aurantiaca.** Orange, dark eye. Pkt. 5c., oz. 40c.
 944 **Mixed.** All colors. Pkt. 5c., oz. 40c.

Tropæolum. [*See Nasturtium, page 30.*]

- 945 **Valeriana.** Very showy border hardy perennial; growing in any garden soil, doing well in the shade; producing large corymbs of flowers, fine for bouquets. Mixed colors; two feet. Pkt. 5c.

Vinca [*Madagascar Periwinkle*].

- 946 **Rosea.** Rose, with dark eye. Pkt. 10c., oz. \$1.00.
 947 **Alba.** White, with crimson eye. Pkt. 10c., oz. \$1.00.
 948 **Alba Pura.** Beautiful pure white. Pkt. 10c., oz. \$1.00.
 949 **Mixed.** Pkt. 10c., oz. \$1.00.

Violet [*Viola Odorata*].

Thrives best in a shady situation, in a rich deep soil, hardy perennials.

- 954 **Single Blue Czar.** Very sweet-scented flowers. Pkt. 10c.
 955 **Single White.** Very fragrant and free flowering. Pkt. 10c.
 956 **Single Mixed.** White and blue. Pkt. 10c.

Wallflower

Well-known fragrant garden plants, blooming early in the spring, with large spikes of flowers; they should be protected in a cold frame in the winter, and planted out in May; half-hardy perennials.

- 960 **Single Mixed.** All colors. Pkt. 5c.
 961 **Finest Double Mixed.** All colors. Pkt. 10c.
 962 **Collection** containing eight double varieties, each separate. Pkt. 50c.

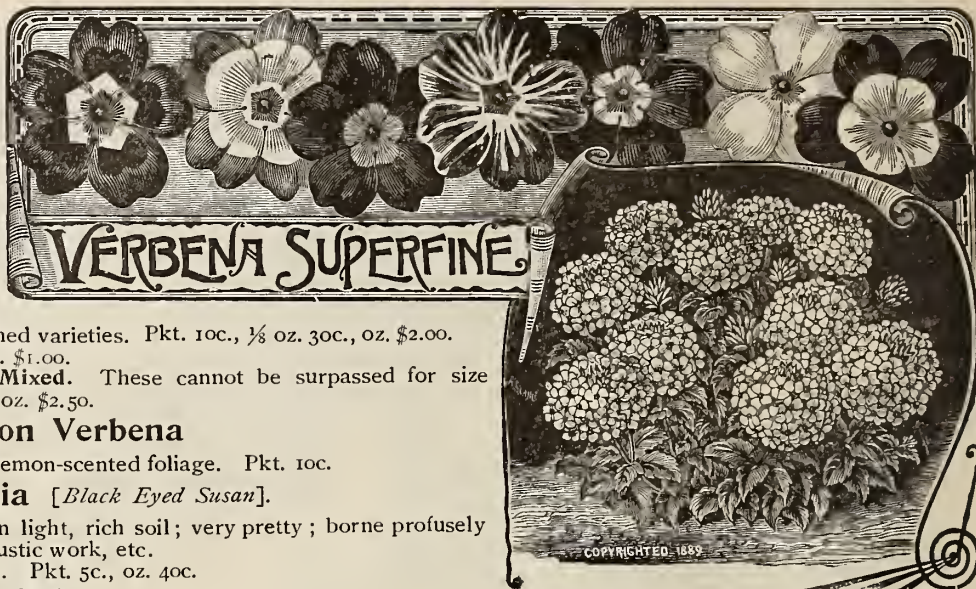
Wild Flower Garden

- 966 A mixture of about one hundred popular annuals and perennials; will make a good effect wherever sown. Pkt. 5c., oz. 15c., lb. \$1.00.

Zinnia [*Youth and Old Age*].

Half-hardy annuals; two feet high.

- 979 **Haageana.** Choicest mixed single. Pkt. 5c.
 980 **Improved Pomponé.** Differing from older ones in habit of growth and immense size; very double flowers of various striking colors; plants are dwarf and bloom freely for a long period. Pkt. 10c., oz. 60c.
 981 **Tom Thumb.** A miniature zinnia, forming compact, round bushes six to twelve inches in height and eight to fifteen inches in diameter, covered with flowers of the brightest colors. Pkt. 10c., oz. 75c.
 982 **White.** Pure white flowers. Pkt. 10c., oz. 50c.
 983 **Striped or Zebra.** Pkt. 10c., oz. 50c.
 984 **Robusta Plenissima or Giant.** Flowers five to six inches across, perfectly formed, very double and of striking colors. Pkt. 10c., oz. 50c.
 985 **Scarlet Pomponé.** Pkt. 10c., oz. 60c.
 988 **Curled and Crested.** Beautiful new type, all colors, choicest mixed. Pkt. 10c.
 986 **Extra Choice Mixed.** Saved from selected double flowers only. Pkt. 5c., oz. 30c.
 987 **Collection,** in imported pkts., six separate colors. Pkt. 35c.



Tagetes [*Single Marigold*].

A dwarf globular compact, bushy plant, densely covered with flowers, valuable for borders as well as beds. Half-hardy annual.

- 969 **Pumila Golden Ring.** Orange color. Pkt. 5c.

Torenia

Splendid plant for cases, hanging baskets or growing out of doors; they are covered until late in the season with one mass of bloom.

- 970 **Fournieri—Princess Heien of Montenegro.** (*See Novelties.*) Pkt. 3c.
 971 **Fournieri Grandiflora.** Flowers much larger and more showy than Fournieri. Pkt. 15c.
 972 **Fournieri.** Large sky-blue flowers, with spots of dark blue and a bright yellow centre. Pkt. 10c.
 973 **Bailioni.** Flowers bright golden yellow with a brownish-red throat. Pkt. 10c.
 974 **White Wings.** Pkt. 15c.



Improved Pomponé Zinnia.

BULBS AND PLANTS



Amaryllis.

Amaryllis

- Hybrids of Vittata. Each 50c.
- Johnsoni. Very large flower, rich crimson-scarlet color, striped with white. Each 30c., per doz. \$3.00. Extra large bulbs 50c. each, per doz. \$5.00.
- Treatia Alba. Pure white blossoms the entire summer. Each 10c., per doz. \$1.00.
- Treatia Rosea. Bright rose. Each 10c.
- Belladonna Major. Bright pink. Each 15c., per doz. \$1.50.
- Formosissima (Jacobæan Lily) Crimson blooming. Each 15c., per doz. \$1.25.

Abutilons. Each 10c., per doz. \$1.00.

Akebia Quinata

Hardy. One of the best climbers, bearing numberless bunches of violet-brown flowers, which have a pleasant cinnamon odor. It begins to bloom early in the spring, and continues several weeks. In good soil and location it will grow thirty to forty feet high. Each 25c., per doz. \$2.50.

Alternanthera

(Used for carpet bedding and edging.)

- Aurea Nana. Bright golden yellow.
- Amœna Spectabilis. Crimson pink and brown; the finest and brightest. Per doz. \$1.00 per 100 \$4.50, per 1000 \$40.00.

Acalypha Macafeana

A beautiful variegated foliage bedding plant; can be used for ornamental and sub-tropical bedding. Each 15c., per doz. \$1.50., per 100 \$8.00.

Asparagus Plumosus Nanus

This is one of the most distinct and effective decorative plants for the stove or warm conservatory. Each 25c. to 50c.

Ampelopsis Veitchii (Japanese or Boston Ivy).

A perfectly hardy ampelopsis of Japanese origin. It grows as rapidly as the old Virginia Creeper, and attains a height of fifty feet. It clings firmly to any wall, tree, etc., becomes more popular every season, and is without question one of the best climbing plants for covering brick or stone walls that can be grown. Two-year old plants, each 25c., per doz. \$2.50, per 100 \$12.00; one-year old strong young plants, per doz. \$1.50, per 100 \$9.00.



Gold Medal Tuberos-Rooted Begonias.

Begonias (Tuberos-Rooted—Large Bulbs.)

The bulbs which we sent out last spring produced excellent results. The size of blooms were mammoth, and the colors very rich. We have already booked a number of orders for these bulbs from customers who purchased of us last spring, and from others who saw them while in bloom.

- White, Yellow, Pink, Bright Scarlet, Deep Red. Each 10c., per doz. \$1.00, per 100 \$5.00, per 1000 \$50.00.
- Choicest Mixed, Single. Each 8c., per doz. 85c., per 100 \$5.00, per 1000 \$45.00.
- Double. Separate colors. Each 20c., per doz. \$2.00.
- Choicest Mixed, Double. Each 15c., per doz. \$1.65.

Bouvardias

White, Pink, Red. Each 15c., per doz. \$1.50.

Calla Lilies

These are very ornamental and flower freely. The foliage is beautifully spotted, and the flowers are pure white.

- Spotted, or Variegated Foliage. Each 15c., per doz. \$1.25.
- White. Each 15c., per doz. \$1.50, per 100 \$8.00.
- Black. Each 15c., per doz. \$1.50.

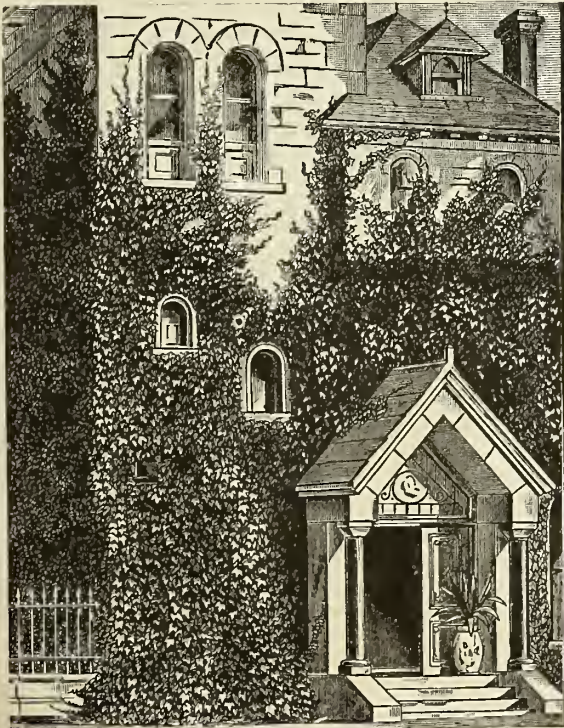
Coleus

- Golden Bedder. Per doz. \$1.00, per 100 \$5.00, per 1000 \$45.00.
- Queen Victoria. Per doz. \$1.00, per 100 \$5.00, per 1000 \$45.00.
- Vershaeffelti. Per doz. \$1.00, per 100 \$5.00, per 1000 \$45.00.

Cinnamon Vine

One of the most rapid creepers. Hardy. Each 5c., per doz. 50c.

AMPLOPSIS



Ampelopsis Veitchii.

CANNAS

Description as Given
by the
Introducers

NEW VARIETIES

OF SPECIAL MERIT



CANNA "ITALIA."

Standard Varieties

We have a large supply of Cannas, grown under contract for us by one of the leading growers in this country. They can be relied upon to be true and sure-blooming roots, mostly all with 2 shoots.

- Alphonse Bouvier.** Rich velvety red; very large truss and flower; petals broad and wavy; the grandest deep red variety known. Each 15c., per doz. \$1.00; per 100 \$6.00.
- Charles Henderson.** A grand variety of a fine crimson color; very popular. Its habit of growth is compact and uniform; 3½ feet in height, a desirable companion to such varieties as Florence Vaughan and Madam Crozy. Each 15c., per doz. \$1.00; per 100 \$6.00.
- Columbia.** A perfect gem, has an entirely distinct habit of growth and flower; color rich cardinal red; of branching habit, sometimes has three or four trusses of bloom on the same spike, all open at the same time, producing a mass of blooms at an even height. Price 50c. each, \$5.00 per doz.
- Florence Vaughan.** Bright rich golden yellow, spotted with bright red; the flowers which are large size; of great substance and perfect form, are borne in large heads and in the greatest profusion; the foliage is massive and of a rich green color; the plants rarely exceed three feet in height. Each 15c., per doz. \$1.25, per 100 \$7.00.
- Egendale.** Especially valuable as a bedding variety, having dark bronzy foliage, with large, bright, cherry-red flowers of good shape and substance. It is of compact uniform growth, attaining a height of four feet, and is considered one of the very best dark foliage varieties. Each 15c., per doz. \$1.25, per 100 \$7.00.
- Flamingo.** One of the best crimson varieties yet introduced, with large flowers over four inches in diameter, heavy in texture and of the most refined form; they cluster around the stem in an even manner, giving the truss the grace and finish of a Hyacinth

"Italia" (*Newest Orchid-Flowered Canna*). In size and brilliancy of flowers, in magnificence of growth and foliage, this new departure in Cannas has not been equaled. The flowers of the Italia are indeed of extraordinary beauty. Our illustration is from life, slightly reduced in size. The ground color of the flower is golden yellow, the three upper segments being heavily blotched with two shades of scarlet. The lower segment, as will be noticed, is the widest, being thus entirely distinct from other Cannas. This and the fifth segment are bright scarlet edged with golden yellow. In growth this Canna is majestic. The plant is a remarkably free bloomer and stands hot weather better than other Cannas. Each 75c., per doz. \$7.50.

"Alsace" (*White Canna*). A vigorous grower, with clear green foliage, four feet high; produces from twelve to eighteen shoots in a season from a single eye. An early and continuous bloomer. Spikes of flowers full, dense, crowded with flowers, which, upon opening, are of a delicate sulphur yellow, changing very soon, however, to a creamy white without spots. We had a row of 1000 plants, which, while in bloom, was a solid mass of white, a grand and novel sight. Having accumulated a considerable stock, we have, notwithstanding the great novelty of the plant, made the price very low. Each 50c., 12 \$5.00, 100 \$30.00.

Chicago. Four feet, green foliage, flower truss and stalk stand boldly erect. The large flowers open out nearly flat, petals 1½ inches wide and five in number; in this respect the Chicago fairly out-classes all Cannas, the fifth leaf adding much to the blossom and flower spike. The color is a clear, deep vermilion scarlet. Each 30c., doz. \$3.00.

"Austria" (*The New Orchid-Flowered Canna*). The sensational novelty of the year. The largest flowering Canna in the world to-day. An entirely new and distinct strain. In size of flower, in vigor of growth, in grand effect, Austria is not equaled. Planted out early in the season, Austria begins to bloom when only two feet high, and immediately sends forth a large number of side shoots in rapid succession, so that in July a single plant has produced fifteen to twenty-five enormous flowering stems, towering five to six feet high, densely packed with immense musa-like foliage, which resists sun and wind with impunity. The flowers, of which there are twenty to thirty on a single shoot, are the largest of any Canna known, measuring, when extended, over seven inches across, each of the five petals or segments being of immense size, the lower one always the largest. The color is a pure canary yellow, the purest yellow of any large-flowering Canna known, merely two of the segments being slightly spotted with crimson. Each 50c., per doz. \$5.00.

spike; the size of the truss is very large, its habit is perfect, strong and compact, growing about three feet high. Each 30c., per doz. \$3.00.

- F. R. Pierson** (*New*). Intense glowing scarlet. This variety makes the greatest show of any Canna I have ever seen. Each 25c., per doz. \$2.50, per 100 \$15.00.
- General Boulanger.** Canary yellow, foliage green; four feet. Each 15c., per doz. \$1.50, per 100 \$8.00.
- Golden Border.** A splendid variety for border around other French Cannas; grows only three feet high. The flowers are canary yellow, slightly spotted with red; foliage green. Each 15c., per doz. \$1.50.
- J. D. Cabos.** Four feet. Leaves purplish green, flowers large and round, color distinct rich apricot. One of the best. Each 10c., per doz. \$1.00, per 100 \$6.00.
- Madame Crozy.** Undoubtedly the grandest of all varieties. The color is a brilliant vermilion-scarlet, bordered with deep golden yellow; the flowers are borne in great clusters and in profusion. The foliage is vivid green, broad and massive; the habit of the plant is compact and vigorous, its natural height being rarely more than four feet, but flowers form when it is scarcely a foot high and continue blooming until frost. Each 10c., doz. \$1.00, 100 \$6.00.
- Paul Marquand.** Foliage green, flowers salmon red, very large. Each 10c., per doz. \$1.00, per 100 \$6.00.
- Queen Charlotte** (*New German Canna*). A most distinct flower, rich crimson-scarlet with wide gold border on every petal. A very handsome plant, medium in height, compact grower, broad, green leaves. It is a profuse bloomer, and the flower-spike, which is full and well formed, stands well above the leaves, yet not so tall as to appear drawn or ungainly. Each 15c., per doz. \$1.50, per 100 \$7.00.
- Mixed Dwarf French.** Containing the best sorts only. Each 10c., per doz. 75c., per 100 \$5.00.
- Robusta Perfecta.** Very tall growing, dark foliage; variety specially adapted for the centre of Canna beds. Each 10c., per doz. \$1.00, per 100 \$5.00.

Very Effective Plants for Large Beds

Caladium (*Elephant's Ear*)

Especially adapted as a border for Cannas and tall-growing grasses.

	Each.	Doz.	100
Small.....Sound Bulbs....	5c.	\$.50	\$4.00
MediumSize " ".....	10c.	1.00	7.00
Large " ".....	20c.	2.00	11.00
Extra Large " ".....	40c.	4.00	20.00

Fancy Leaved Caladiums

The following is a selection of the choicest new Brazilian varieties and is a great improvement and entirely distinct from the older sorts.

Aymore. Ivory white centre, bordered green, with innumerable red spots.

Barbacena. Rose, white and green with black ribs and stem, large foliage.

Baroneza De Oliviera Castro. Light green ground, with bright red rays.

Beija Flor. Centre of leaf transparent, with bright red, flaming on to green border.

Cacapava. Creamy yellow, with broad red rays.

Dona Carmen De Macedo. Beautiful red foliage, green veins.

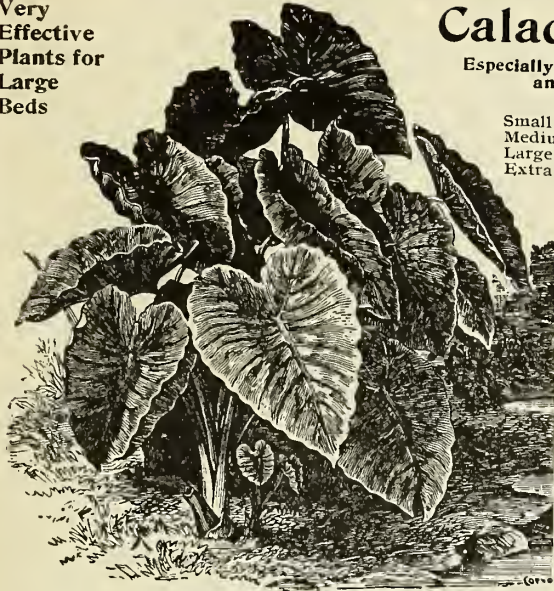
Trahiras. Very fine white foliaged variety, green rays.

Tymbira. Very peculiarly clouded rose; a handsome variety.

The above Brazilian Varieties, 50c. each, \$5.00 doz.

We can also furnish 12 distinct choice older varieties at 25c. each, \$2.50 per dozen.

Choice Mixture without name, 15c. each, \$1.50 doz. \$10.00 per 100.



Caladium (Elephant's Ear).

Dona Pedro De Alcantara. Beautiful light green foliage interlaced with white, occasionally splashed with carmine.

Imperatrice Theresa. Large five shaped leaf, chalky white, with rosy tint, dark rays.

Mrs. I. Sanders. Large pellucid green leaves with bright pink spots.

Roncador. Very dark rose, with green veining, glossy surface.



Fancy Leaved Caladium.

The above will be supplied in dormant tubers as long as stock lasts, otherwise in good young growing plants.

.....CARNATIONS—STANDARD SORTS.....



Photograph of a house full of VICTOR Carnations.

Best Pink Varieties

- Mad. Diaz
- Wm. Scott
- Albertini
- Della Fox
- Rose Queen
- Daybreak

Best White Varieties

- Lizzie McGowan
- Alaska
- Storm King
- Annie Lonsdale

BEST Variegated Varieties

- Helen Keller
- Minnie Cook

BEST Yellow Varieties

- Eldorado
- Dean Hole
- Gold Finch

BEST Dark Red Varieties

- Anna Webb. Meteor

Best Scarlet Varieties

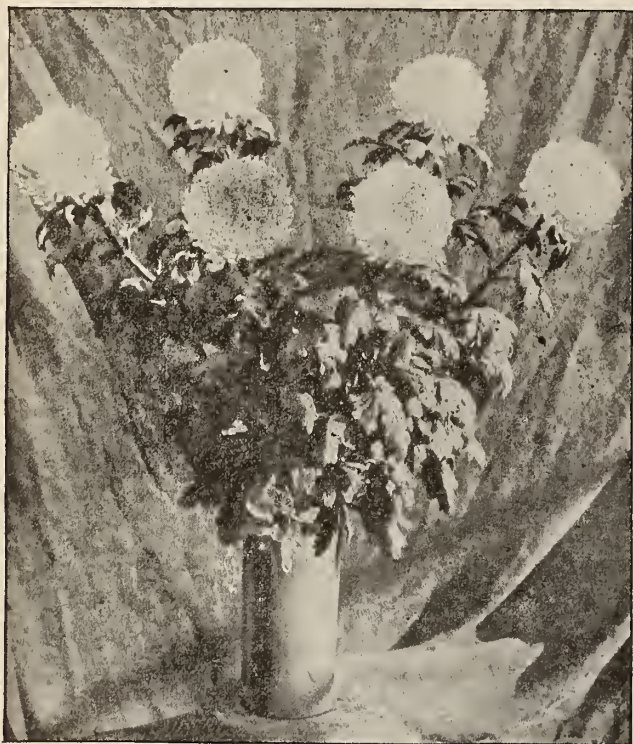
- Portia. Sport No. 1

Prices for the above varieties, per doz., \$1.25, per 100 \$6.00.

Strong field grown clumps of the above varieties will be ready after August 1st.

New Pink Carnation "Victor" We have made arrangements with the introducer of the above very valuable new variety of Carnation to supply strong, healthy rooted cutting about March 1st. Price, \$2.00 per dozen, \$10.00 per 100. It is considered to be the very best pink variety yet introduced, as it is also a strong grower and free bloomer. Received certificates and Premiums wherever exhibited. Orders should be placed at once, as they will be filled strictly in rotation.

NEW CHRYSANTHEMUM "Mrs. Colonel Goodman"



Introducer's Description :

SAME FLOWERS ON EXHIBITION 15 DAYS AND WINNERS OF THREE CERTIFICATES.

Color—White, Blush or Pink, as may be desired by the grower. The best of all the new Chrysanthemums for cut flowers or as a pot plant.

In offering this new Chrysanthemum I only endorse the opinion of the able judges of the Chrysanthemum Committee, Messrs. Edwin Lonsdale, Thomas Craig and Thomas Cartledge, who

AWARDED THE NATIONAL CERTIFICATE

for commercial purposes ; an honor clearly earned by its wonderful lasting qualities.

The flowers for which the certificate was awarded were cut on **November 5th**. They were judged in Philadelphia on the 7th, then shown at the Germantown Exhibition on **November 9th**, where they

OBTAINED A CERTIFICATE OF MERIT AS THE BEST NEW SEEDLING.

They were then shown at the Horticultural Hall in Philadelphia on the 10th, remaining there until the 15th. From there they were taken to Reading, exhibited on the 18th, and were awarded a **THIRD CERTIFICATE OF MERIT AS THE BEST SEEDLING** remaining in splendid condition until the 22d, clearly proving a lasting quality not equaled by any other Chrysanthemum.

The **Plant** is of fine habit, specimens having been grown in ten-inch pots with more than one hundred large flowers. The foliage is all that could be desired, carried on erect stems and well up to the flowers.

The **flowers** are of splendid form, perfectly globular, measuring from 16½ to 18 inches in circumference, petals regular, cup-shaped, of great substance, just the proper size, more numerous than in any other flower of similar character.

The **Color**, strange to say, may be had as desired. Grown in a temperature of 50° the flowers are a **fine pink** ; at 60° a **blush white** ; at 65° a **fine white**, thereby enabling the grower to have them at whatever shade he may desire.

This is undoubtedly one of the very best new seedlings ever certificated, combining the rare qualities of being a first-class pot plant as well as a cut flower of the greatest merit. Hence it will be grown by amateurs as a garden plant, as well as by florists. I can recommend it as one which will remain among the best in the trade.

Charles A. Knapp, of Chestnut Hill, will offer a prize of **\$25** for twenty-five best blooms of **Mrs. Colonel Goodman** at the Chrysanthemum Show in Philadelphia in 1897.

PRICE OF PLANTS—Each 50c., per 12 \$5., per 100 \$35., per 1000 \$200.
Delivery March 1st, 1897, from 2¼ inch pots, well grown, well rooted.

Chrysanthemums—New Varieties

(Description as given by their introducers.)

Robert Edgerton. Pure white. Received first premium at Chrysanthemum Show at Philadelphia for best American Seedling. Each 50c., per doz. \$5.00.
Defender. Deep crimson. Scored 93 points by the National Society in Philadelphia, and 91 at Chicago. Ready March 1st. Each 50c., per doz. \$5.00.
Geo. S. De Kolb. Pure white (earliest white). Blooms cut October 2d. Each 35c., per doz. \$3.50.

SPECIAL VARIETIES

Mrs. Joseph Sinnott. A grand double pink, extra good for cut flowers and pots. Mrs. Joseph Sinnott will offer a prize for blooms at the Chrysanthemum Show, 1897. Each 25c., per doz. \$2.50.

Henry F. Michell, pearl white ; **Pink Ivory**, finest for pots ; **Kathleen Riter Fitzgerald**, rose superfine blooms ; **John Shrimpton**, finest red ; **Mrs. Perrin**, pink superfine blooms. Each 20c., per doz. \$2.00.

STANDARD SORTS

Strong plants from two-inch pots. Per doz. \$1.5c., per 100 \$3.00. Set of 25 varieties \$2.50.

BEST WHITE VARIETIES

Mrs. H. Robison, Miss F. Pullman, Merry Monarch, Mayflower, Philadelphia, Mrs. Jerome Jones, Niveus, Mutual Friend, Minnie Wanamaker.

BEST PINK VARIETIES

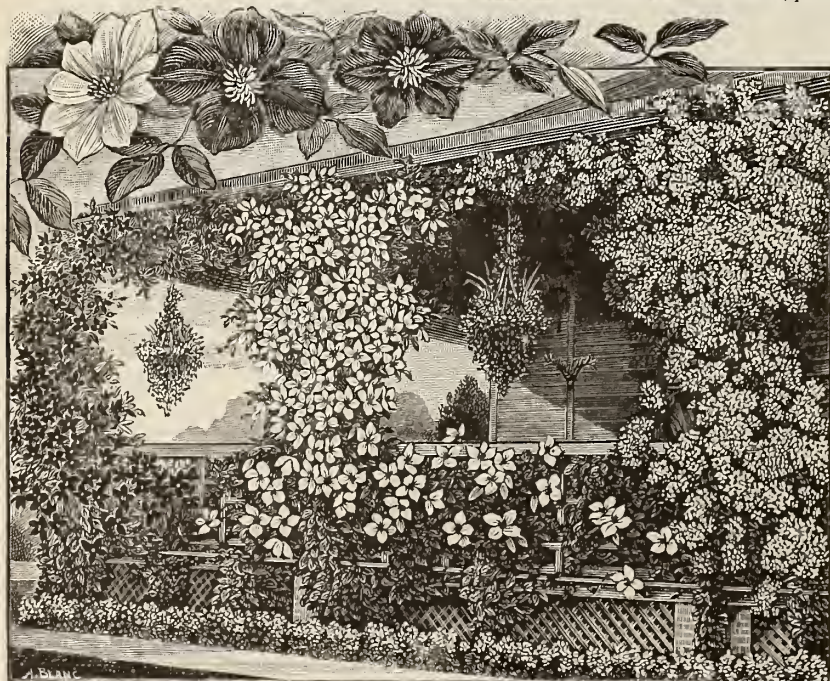
Mrs. A. T. Murdock, Maud Dean, Marquis De Montenort, Good Gracious, Vivian Morrel.

BEST YELLOW VARIETIES

Miss Georgiana Pitcher, Liberty, Golden Wedding, Eugene Dalledouze, Marion Hendersen, Miss Louisa De Black, Pitcher and Manda, J. E. Lager.

BEST RED AND DARK VARIETIES

Helen Bloodgood, Cullingfordii, Geo. W. Childs. Also all other good varieties.



Clematis.

CLEMATIS Jackmanni. Large, rich violet purple ; a free bloomer. The most popular variety. Strong plants, each 50c. ; per doz. \$5.00.

Madame Edouard Andre. A distinct variety and the nearest approach to a bright red. A strong, vigorous grower, being a hybrid of the Jackmanni, which it resembles in freedom of bloom. Flower is a distinct red color, entirely different from all other varieties. Strong plants in pots, 75c. each.

Paniculata. The best white cluster variety, each 25c., doz. \$2.50.

Coccinea. A handsome hardy climber. Bell shaped flowers of a bright coral red. Blooms from June until frost. Each 25c., 5 for \$1.00.

Flammula (Virgin's Bowe). A general favorite. Hardy, rapid growing vine, its small, bright green foliage is almost hidden by clusters of small fragrant white flowers. Each 25c., 5 for \$1.00.

Crispa. Pretty, bell shaped, fragrant lavender flowers, with white centres. Blooms from June until frost. Each 25c., 5 for \$1.00.

Dahlias

The great popularity of the Dahlia was clearly demonstrated at the exhibitions of the *American Dahlia Society* in St. George's Hall, Philadelphia, September 22-23, and at Madison Square Garden, New York, October 5th to 10th, 1896. Never before were such exquisitely beautiful blooms exhibited in America, and they were fully appreciated by the admiring crowds that thronged the exhibition halls.

The "**Michell Silver Cup**" offered for the **Largest and Best Collection of Dahlias** was awarded to **Mr. W. P. Peacock, of New Jersey**, who was awarded twenty-three (23) additional first prizes in 1896, and from whom we have secured our entire stock of roots. Every variety offered by us was in this *superb prize collection*, and we cannot recommend them too highly to our Dahlia-loving friends.

Nymphaea Dahlia

This peerless variety was awarded two silver medals by the American Dahlia Society at the Philadelphia exhibition. Nymphaea is by far the most delicately beautiful Dahlia ever introduced, and is more extensively grown for cut flowers than all other varieties combined. The flowers are of large size, always full to the centre, and so clearly resembles the ideal pink water lily as to suggest the name. The color is a clear, distinct, light shrimp pink, tinted slightly lighter toward the centre. The plant is a strong grower, of medium height, shrubby growth, and is the most profuse bloomer of any variety, being a mass of bloom from June until frost.

Strong Clumps 25c. each, \$2.50 per doz., \$12.00 per 100.

Enormous Clumps 35c. each, \$3.50 per doz.



Field of Nymphaea Dahlias.

Double Large Flowering Dahlias

Arabella. Large, pale primrose, exquisitely tipped and shaded.

First prize at Philadelphia for best fancy Dahlia, any color.

Blumenfalter. Rosy lavender. Early and profuse bloomer.

Duch of Cambridge. White tipped imperial purple.

Elegans. Rich, rosy purple striped and tipped white.

Fern Leaf Beauty. New; fernlike foliage, white margined crimson. First prize at Philadelphia for best striped variety.

Glowing Coal. Rich glowing crimson scarlet, fine.

Golden Bell. Large, pure yellow, sometimes shaded.

John Kynes. Large, yellow tipped, bright scarlet.

Lucy Faucett. Straw striped rosy magenta; very large.

Marguerite. Rosy lilac of fine form, free and constant.

Mrs. Langtry. Cream tipped pink, edged purplish crimson.

Prince Bismarck. Large and full; the best deep purple.

Princess Bonnie. Rich creamy white; very beautiful.

Queen Victoria. Rich golden yellow, of superb form, free.

Ruby Queen. Ruby red, richly shaded; one of the best. Resembles an American Beauty Rose in form.

Strong Clumps, 25c. each, \$2.50 per doz., \$12.00 per 100.

Pompon Dahlias

Allie Mourey. New, pinkish white tipped deep pink.

E. F. Junker. Very fine, pinkish amber, compact flower.

Fashion. Deep orange, rich, distinct and effective.

Golden Bidder. A dwarf, early and profuse bloomer.

Guiding Star. Pure White; fine for cutting; free.

Hubert. Very pretty; white mottled and striped maroon.

Juliet. Yellow shaded orange and scarlet, beautiful.

Klein Domatia. Rich orange buff; extremely profuse.

Ladies' Jewel. White tipped and suffused purple.

Little Valentine. Beautiful form, rich dark purple.

Prince Charming. New, white tipped purple pink.

Vivid. Bright, dazzling scarlet; very fine form.

Strong Clumps, 25c. each, \$2.50 per doz., \$12.00 per 100.

New Book, "THE DAHLIA"

A practical treatise by LAWRENCE R. PEACOCK. It is clear, concise, yet comprehensive. Beautifully illustrated with ten full page photo-engravings, made expressly for the book, and with an embossed paper cover. Invaluable to all interested in Dahlias. Price by mail prepaid 50 cents.

Special Offer. We will present a copy of "THE DAHLIA" free of charge to all ordering Dahlias from us to the amount of \$3.00 or more.

See page "H" for Novelties.

Cactus Dahlias

Delicata. Pale yellow overlaid and heavily tipped pink.

Fire Ball. Clean buff penciled and tipped red.

Grand Duke Alexis. Of large size, pure white flaked pink.

Petals beautifully quilled; a great acquisition.

King of Cactus. Rosy crimson magenta; 7 inches across.

Lyndhurst. Deep glowing scarlet; beautiful form.

Maid of Kent. Deep cherry red tipped white; striking.

Miss Jennings. A combination of yellow, salmon and pink.

Miss Parry. Deep rosy lake; beautiful and distinct.

Orange King. New. Rich glowing orange; a dwarf and extremely profuse bloomer; a new and effective color.

Prof. Baldwin. Bright scarlet, twisted petals, distinct.

Wm. Pierce. Rich butter yellow.

Zulu. Deep rich maroon, almost black; flowers full of perfect form, distinct and effective.

Strong Clumps 25c. each, \$2.50 per doz., \$12.00 per 100.

Single Dahlias

Enchantment. A beautiful shade of red; base of petals yellow.

Fern Leaf. Violet crimson; fern-like foliage, dwarf.

Harold. Deep maroon; fern-like foliage, very fine.

Isaac Pitman. Very large; bright crimson purple.

Kate. Reddish orange maroon; distinct and effective.

Mrs. L. C. Bassett. Striped rose and violet, very distinct.

Nance. A lovely and pleasing tint of lavender.

Sandusky. A soft shade of salmon, fine shape.

Strong Clumps, 25c. each, \$2.50 per doz., \$12.00 per 100.

Dahlias

In Separate Colors—Very Fine.

Choice Varieties Under Color.

Red Shades

White

Pink Shades

Yellow Shades

Vari-gated

Mixed. All colors.

Strong Clumps, 20 cents each.

" " \$2.00 per doz.

" " \$11.00 per 100.

Double } Strong clumps 15c. each, \$1.50 doz.
Single }



W. W. WRIGHT & CO. N.Y.

Gladiolus

(Large-Sized Bulbs.)

- All Colors, very Choice Mixed.** Each 4c., per doz. 30c., per 100 \$1.75, per 1000 \$14.00.
- White and Light Colors.** Each 5c., per doz. 40c., per 100 \$2.75, per 1000 \$20.00.
- Yellow Shades.** Each 5c., per doz. 50c., per 100 \$3.00.
- Scarlet and Crimson.** Each 4c., per doz. 30c., per 100 \$1.75, per 1000 \$15.00.
- Pink and Variegated.** Each 5c., per doz. 40c., per 100 \$2.50, per 1000 \$20.00.
- Lemoine's Butterfly.** Extra fine mixed. Each 5c., per doz. 40c., per 100 \$2.50.
- Childsi.** A distinct mammoth race, much stronger and more vigorous than any others—their stiff stems often standing four to five feet high with flower stalks two feet in length. They bloom freely, many plants producing 3 to 5 five spikes of bloom. The flowers are of great substance and of exceptional large size, frequently six or seven inches across, and the bud so expansive that the face of the flower is seen to good advantage. They contain a number of exquisitely beautiful shades practically new in the Gladioli, blues, smoky grays and purple blacks, with mottled spotted throats, white, crimson, pink and yellow. In fact even Orchid flowers cannot surpass them in various shades, markings and blendings. Mixed, all colors, each 25c., doz. \$2.00.

Gaillardia Grandiflora

Of hardy perennial plants; beginning to flower in June they continue the entire season. Being perfectly hardy they require absolutely no protection. The flowers are large, from 2½ to 3½ inches in diameter, produced on long stems, excellent for cutting. The centre is dark red-brown, the petals are variously marked with rings of brilliant scarlet crimson, orange and vermilion, and often a combination of all these colors in one flower.

Strong Clumps, for immediate effect, 25c. each, \$2.50 per doz., \$15.00 per 100. **Strong young plants which will flower freely this summer,** 10c. each, \$1.00 per doz., \$8.00 per 100.

Lemoine's

"Butterfly"

Gladiolus

Helianthus (Sunflower).

Multiflorus fl. pl. (Double Hardy Sunflower). An extremely useful, hardy plant; bears profusely large double flowers of a bright yellow. Each 15c., per doz. \$1.50.

Maximiliana. Large double golden yellow flowers. Each 15c., per doz. \$1.50.

Hyacinthus Candicans

Summer Blooming Hyacinth. Extra large bulbs. Each 5c., per doz. 50c.

Hollyhocks

(Chater's Double.)

Strong Plants. Will bloom the first season. White, Yellow, Pink, Scarlet, each 20c., per doz. \$2.00.

Honeysuckles

(Woodbine.)

Halliana. Flowers pure white, turning to yellow. Fragrant, hardy evergreen; flowers freely.

Variegated. Foliage beautifully mottled yellow and green. Each 25c. to 50c. per doz. \$2.50 to \$5.00.



A Bed of Hollyhocks.

Hydrangea

Paniculata Grandiflora. The popular hardy Hydrangea. Strong plants, each 25c., doz. \$2.50; extra large plants, each 50c., doz. \$5.00.

Iris Kämpferi (Japanese Iris).

Hardy. Strong roots. Will bloom this season.

Mixed. Of all colors. Each 15c., per doz. \$1.50.

Named Varieties. Each 25c., per doz. \$2.50.

Lilies (Hardy).

Auratum (Golden-banded Japan). Extra large bulbs, 11 to 13 inches in circumference. Each 20c., per doz. \$2.00, 100 \$10.00. Bulbs 9 to 11 inches in circumference. Each 15c., per doz. \$1.50, per 100 \$8.00. Bulbs 7 to 9 inches in circumference. Each 10c., doz. \$1.00, per 100 \$6.00.

Lancifolium Speciosum Album. Extra large bulbs. Pure white Japan Lily. Each 20c. per doz. \$2.00, per 100 \$12.00.

Lancifolium Speciosum Rubrum. Very large bulbs. Each 15c., per doz. \$1.50, per 100 \$10.00.

Lancifolium Speciosum Roseum. Extra large bulbs 15c. each, \$1.50 per doz., per 100 \$10.00.



Lilium Auratum.

Tigrinum (Tiger Lily). Each 10c., per doz. \$1.00, per 100 \$8.00.

Madeira or Mexican Vine

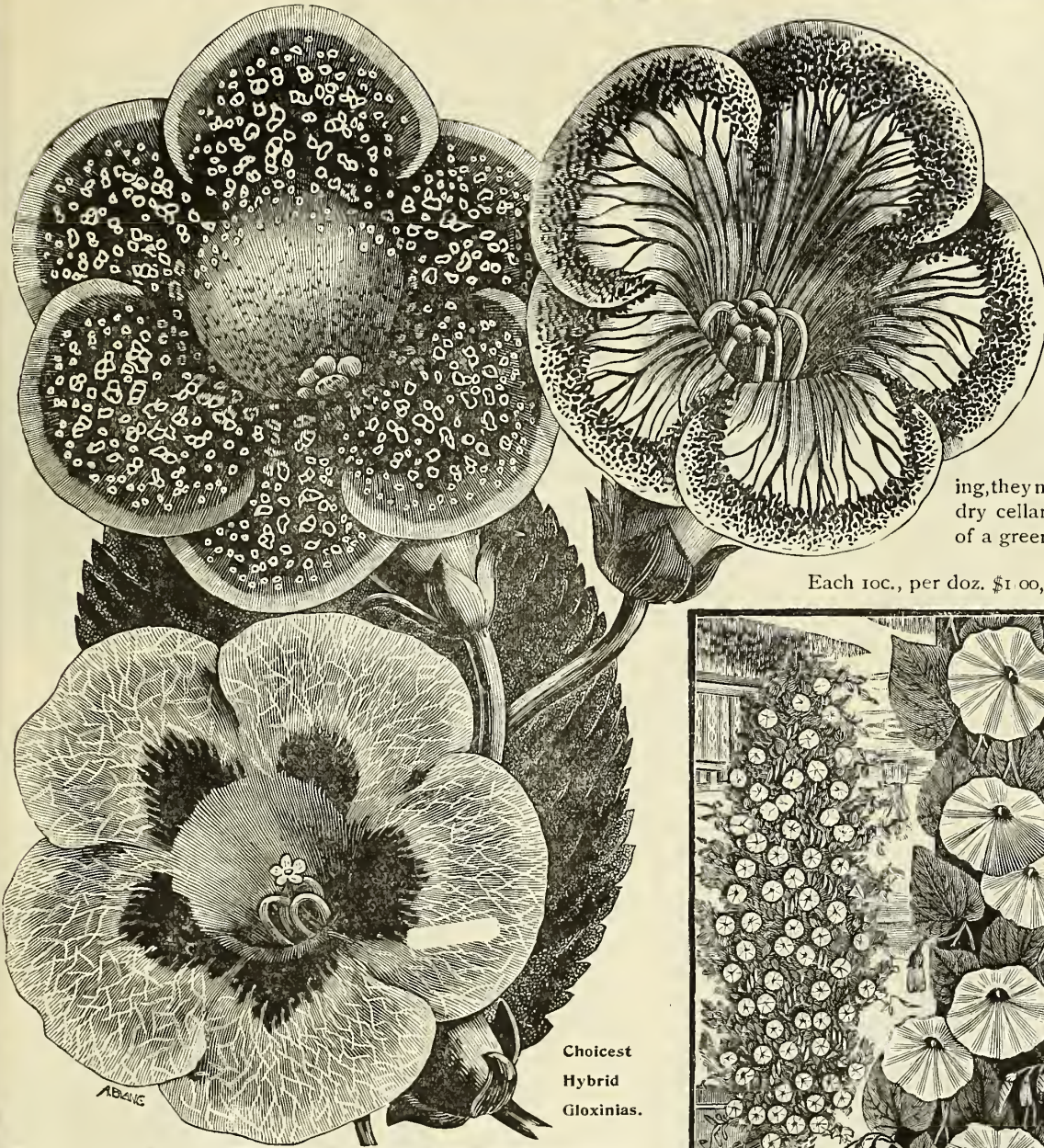
Large Selected Bulbs. Each 5c., per doz. 40c.

Manettia Vine Each 15c., per doz. \$1.50.

GLOXINIAS

One of the handsomest summer blooming plants. Flowers three inches in diameter; upright, colors crimson, violet, rose, scarlet, white and beautifully spotted. They attain the greatest perfection if grown in light, rich soil in a shady, well ventilated frame. After they are done growing, they may be kept in a warm, dry cellar, or under the stage of a greenhouse. Mixed colors.

Each 10c., per doz. \$1.00, per 100 \$6.00.



Choicest
Hybrid
Gloxinias.

Perennial Iceland Poppies

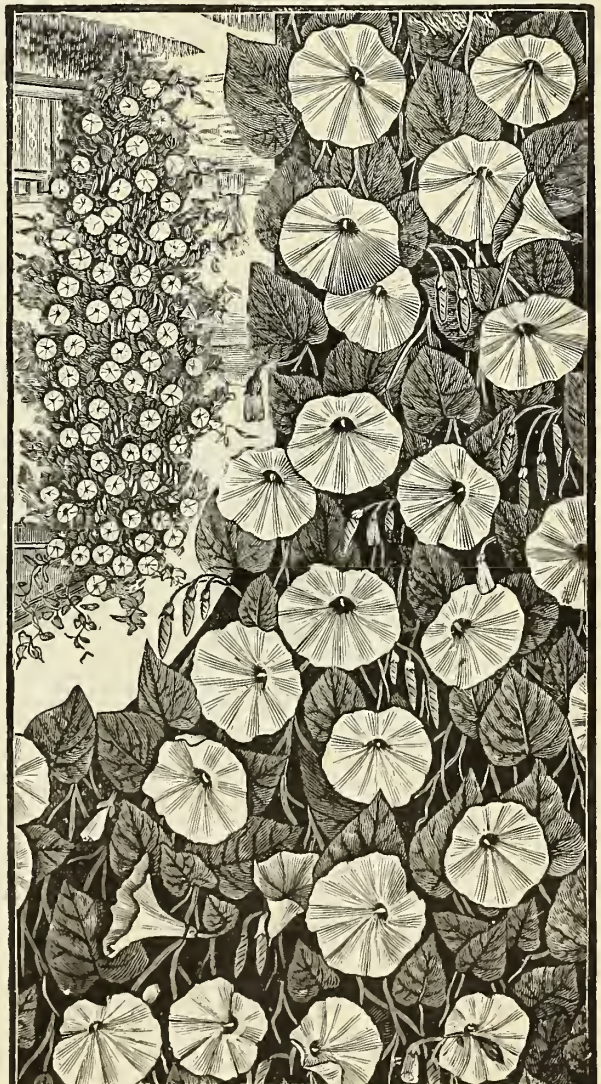
Range in color from the purest white and yellow to the deepest glowing orange scarlet, and have a delicious Lilac-like fragrance. The profusion of blooms which they produce is really astonishing, often a hundred flowers on a single plant, and they are produced in succession from the beginning of June to October. Mixed colors, each 15c., per doz., \$1.50.

Perennial Phlox

The Perennial Phloxes are among the most desirable hardy herbaceous plants, and should be planted largely; they succeed in any position and can be used to advantage either as single specimens in the mixed border or as large clumps or beds in the garden. In 25 separate and best varieties, each 15c., per doz. \$1.50, per 100 \$10.00.

MOON FLOWERS (*Ipomœa*.)

- Noctiflora* (White). Young plants. Each 10c., per doz. \$1.00.
- Noctiflora* (White). Strong plants. Each 15c., four 50c., doz. \$1.25.
- Hardy Day Blooming*. Extra large selected roots. Each 15c., doz. \$1.50.
- Ipomœa Learii* (Blue Moon Flower). Intense violet blue flowers, six inches in diameter. Each 10c., twelve for \$1.00.
- Ipomœa Mexicana* (Pink Moon Flower). Large pink or rose colored flowers, a grand companion to the above, being tuberous-rooted it can be wintered the same as a Dahlia root. Each 15c.



Moon Flowers.

PÆONIES



Pæonies [Herbaceous.]

Extra fine large clumps with three and four eyes; will bloom this spring.

- Double Pink. Each 25c., per doz. \$2.50, per 100 \$15.00.
- Double White. Each 25c., per doz. \$2.50, per 100 \$15.00.
- Double Red. Each 25c., per doz. \$2.50, per 100 \$15.00.
- Double Mixed. Each 20c., per doz. \$2.00, per 100 \$13.00.

Tigridia [Shell Flower.]

Beautiful summer flowering bulbs, producing large flowers, exquisitely spotted; flowering from July to October.
Conchiflora. Orange, with crimson spots. Each 5c., per doz. 40c., per 100 \$3.00.
Pavonia Grandiflora. Red, with yellow spots. Each 5c., doz. 40c., per 100 \$3.00.
Grandiflora Alba. White flowers, spotted with maroon. Each 5c., per doz. 40c., per 100 \$3.00.

Spider Lily [Crinum Americanum.]

White. Large bulbs. Each 2c., per doz. \$2.00.



Violets

- California.** One of the finest single violets in cultivation. The flowers are very large, borne on long, stout stems, which makes it especially valuable as a cut flower; very fragrant and of a clear violet purple color that does not fade. Each 15c., per doz. \$1.50.
- Luxonne.** This new French variety is without doubt one of the finest single violets. Of the same size as California, but looks nearly double its size, as the petals open out flat, and blooms continuously from September until April. Of a beautiful rich soft violet purple color, with strong stems 9 to 12 inches long, and very fragrant. Each 15c., per doz. \$1.50.
- Princess of Wales.** A grand variety; very fragrant. Each 15c., per doz. \$1.50.
- Marie Louise.** Deep violet blue, very fragrant. **Queen Victoria.** Large single, blue, very fragrant. **Swanley White.** Large double, pure white. **Schoenbrun.** Single, deep blue, very fragrant. Each 15c., per doz. \$1.50.

Wisteria [Glycine.]

- Sinensis.** The best blue. Each 30c. and 50c.
- Sinensis Alba.** White. Each 50c.



New Tuberose "Albino"

The odor is very agreeable, not heavy like on the other class of Tuberose.
 The distinctive features of this single white Tuberose are such as to make it the most popular. The petals recurve gracefully, which add greatly to the size of the individual flower. The flowerspikes are very large and evenly filled; flowers in July and August, throwing from 2 to 5 flower stems from a single bulb, and these again are often branched, the tube and expanded sepals being of the purest waxy white, making it one of the most valuable plants ever introduced for cut flowers. This characteristic is so distinct that when first seen, being single, it might be said to resemble a Stephanotis, or some species of Jessamine. The odor is less heavy than that of the ordinary Tuberose. Each 2c., doz. 50c., per 100 \$3.00.

Tuberose

Extra large blooming bulbs.

- Excelsior Pearl.** Each 4c., per doz. 30c., per 100 \$1.50, per 1000 \$10.00.
- Tall Double.** Each 4c. per doz. 30c., per 100 \$1.50, per 1000 \$10.00.



Excelsior Pearl Tuberose.

Rhododendrons

We have made arrangements with one of the largest and most reliable nurseries, and can supply very fine plants, well set with buds, at \$1.00 each, \$12.00 per doz., \$95.00 per 100. These plants will bloom and produce a fine effect this coming season.

Tritoma Uvaria Grandiflora

[Red-Hot Poker Plant.]
 Rich orange red flowers. Each 25c., per doz. \$2.50.

Verbenas

Choice Mixed Colors. Per doz. 75c., per 100 \$5.00.

Hardy Shrubs

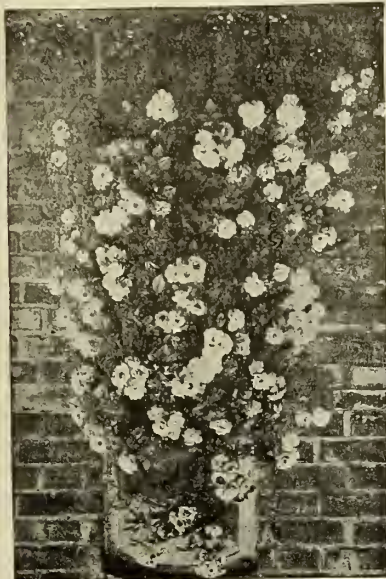
All the best varieties. Each 30c., per doz. \$3.00, per 100 \$20.00.



ROSES—The Yellow Rambler (*Aglaia*).

Description given by its Introducer.

The advent of the Yellow Rambler marks a very important epoch in the rose world. It was originated by the prominent German rose-grower, Mr. Peter Lambert, who has carefully tested it for some eight years, and first offered it to the public this last season. The combination of climbing habit and yellow coloring, with hardness, was one that it seemed difficult to obtain. It was a result so greatly desired, however, that repeated efforts were made to secure it, and the Yellow Rambler represents the most complete success ever obtained. **Hardiness:**—The Yellow Rambler has been found to withstand, without protection, a continued temperature of from zero to two degrees below, which proves it to be far hardier than any other yellow climbing rose yet introduced, and by laying the plants down in the winter, it can be successfully grown in nearly all the northern parts of the United States.



Yellow Rambler Rose (*Aglaia*).

The flowers are borne in immense clusters, often as many as one hundred and fifty blossoms in a bunch. The color is a clear decided yellow. The blossoms are nearly full, sweetly scented. The flowers last three to four weeks without fading. The habit of growth is very vigorous, well established plants often making shoots of from eight to ten feet in height in a single season.

Strong young plants from 2½-in. pots ready March 15th. Each 30c., per doz. \$5.50.

New Tea Rose

President Carnot. Large blush white. Received certificates and prizes at all the exhibitions held this past autumn. Strong young plants, 2½ in. pots, each 30c., per doz. \$3 00, 100 \$20.00.

Roses—Standard Sorts

- True to name. Fine plants. Grown over winter in cold houses, which produce the best results for outside planting.
- American Beauty.** Crimson. The best hybrid tea.
 - Baltimore Belle.** White climber.
 - Bridesmaid.** Pink. (Tea.)
 - Bride.** Pure white. (Tea.)
 - Cath. Mermet.** Pink. (Tea.)
 - Capt. Christy.** Pink. Perpetual.
 - Coquette des Alps.** White. Ever-blooming.
 - Crimson Rambler.** Climbing.
 - Dinsmore.** Rich crimson. Perpetual.
 - Glorie de Dijon.** Perpetual.
 - Gen'l Jacqueminot.** Crimson. Perpetual.
 - Glory of Mosses.** Pink. Moss.
 - Hermosa.** Pink. Ever-blooming.
 - La France.** Pink. Hybrid tea.
 - Maman Cochet.** Pink. Ever-blooming.
 - Mrs. John Laing.** Pink. Perpetual.
 - Marechal Neil.** Yellow climbing. (Tea.)
 - Meteor.** Crimson. (Tea.)
 - Papa Gontier.** Carmine. (Tea.)
 - Perle des Jardins.** Yellow. (Tea.)
 - Prairie Queen.** Red climbing. Perpetual.
 - Sunset.** Yellow, tinted orange. (Tea.)
 - Souvenir de Wooton.** Red. Hybrid tea.
 - Ulrich Brunner.** Scarlet. Perpetual.

2½-in. pots, per doz. \$1.50, per 100 \$10.00. 5-in. pots, extra strong, each 40c., per doz. \$4.00, per 100 \$20.00.

We can furnish all other varieties of Roses.

Rosa Rugosa

The Rugosa Roses form strong hardy bushes 3 to 5 feet in height, covered with handsome, glossy green foliage, and clusters of beautiful single flowers, which emit a delightful fragrance. They bloom nearly all summer, and are covered during autumn and winter with red seed pods.

Crimson. Extra strong plants, 40c., per doz. \$4.00. Strong plants, 30c., per doz. \$3.00.

Pure White. Extra strong plants, each 40c., per doz. \$4.00. Strong plants, each 30c., per doz. \$3.00.

Water Lilies

No plants have acquired such universal appreciation within so short a period as *Aquatica*. The flowers are most fascinating, interesting and beautiful, and none can be grown with less trouble and risk of failure. The hardy varieties may be planted as soon as vegetation commences in the spring. If not convenient to grow them in a pond or lily tank (which is preferable), they may be grown in tubs, several varieties being adapted to this mode of culture. A warm sheltered position, yet with full exposure and sunshine should be selected. Fill the tubs two-thirds full of turfy soil enriched with decomposed hot-bed or farmyard manure; cow manure is very desirable; cover with two inches of sand and fill with water. The crowns of the plants should be placed just under the surface of the soil.



Nelumbium Speciosum (*Egyptian Lotus*). This grand lotus is perfectly hardy. The flowers when just expanding are of a beautiful rosy pink color; when open they are of a creamy white and pink, and are very fragrant. Each 75c. and \$1.50.

Nymphæa Alba Candidissima. This is a large flowered variety of the English Water Lily; flowers white, a continuous bloomer, very desirable. Each \$1.00.

Nymphæa Odorata. The well-known white fragrant pond lily. Each 20c., per doz. \$2.00.

Nymphæa Parilacea Chromatella. The best yellow water lily in cultivation; the habit of the plant is like *N. Candidissima*, flowering freely the entire season. Each 50c.

Nymphæa Odorata Gigantea. This is a superb variety and should be in every collection; similar in all respects to *N. Odorata*, but the flower is very large and full. A Southern variety of the *N. Odorata* type. Each 20c., doz. \$2.00.

Nymphæa Odorata Rosea (*Cape Cod Water Lily*). One of the best pink hardy *Nymphæa* in cultivation; it possesses all the desirable qualities of the white flowered species, hardiness, freedom of bloom and delicious fragrance. Each 50c.

Nymphæa Odorata Sulphurea. One of the very best new water lilies, with large, yellow fragrant flowers. It is very free blooming and has the fragrance of *N. Odorata*. The leaves are deep green, beautifully mottled with reddish purple or brown spots; a great acquisition. Each 50c.

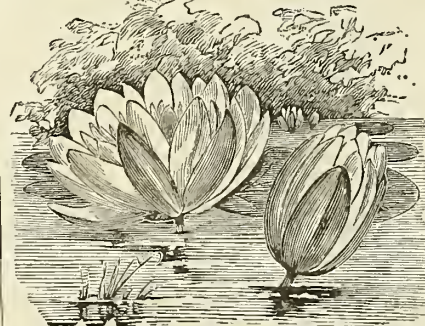
Nymphæa Zanzibarensis

Azurea. Deep rich azure blue, very free and continuous bloomer; delicately scented. Each 50c.

Nymphæa Scutifolia. Clear light blue, very free flowering, continuous until frost. Each \$1.00.

Nymphæa Zanzibarensis Rosea. This is like *N. Zanzibarensis* in every respect, except that the flowers are a beautiful deep rose color. Each 50c.

Nymphæa Dentata. The largest and best white, night-blooming variety; flowers of the largest size; long, pointed buds, on strong stalks, opening horizontally; leaves deep green, with serrated edges. Each 50c.



Nymphæa Devoniensis. This is one of the very choicest Water Lilies in cultivation, and indispensable in a moderate collection. The flowers are a brilliant rosy red, produced on stout stalks standing above the water, and are from ten to twelve inches across. The leaves are deep green with reddish shade. Each 50c.

Water Hyacinth. Very interesting and beautiful; floats on the surface of the water and produces fine spikes of light rosy lilac flowers. Each 15c., per doz. \$1.50.

Water Poppy (*Limncharis Humboldtii*). Flowers beautiful clear yellow; must be grown in shallow water; very attractive. Each 15c., per doz. \$1.50.

Water Snow-flake (*Limnanthemum Indicum*). In growth the plant resembles a water lily, with leaves from three to five inches across; flowers white. Each 25c.

Cyperus Papyrus (*Egyptian Paper Plant*). Each 25c. and 50c.

Water Lily Seed

- Nymphæa Zanzibarensis.** Pkt. 15c.
- " " **Rosea.** Pkt. 15c.
- " " **Azurea.** Pkt. 15c.
- " **Gracilis.** Pkt. 15c.

SMALL FRUITS, Etc.

Currants

Currants should be planted on good soil, which must be kept rich and well worked. Sprinkle ashes around the roots occasionally, to keep the borers away. The currant worm may be destroyed by sprinkling the bushes with powdered white hellebore while they are wet with dew. Where it has been applied, the fruit should not be used without first being washed.

Black Naples. Vigorous and productive; used for jelly and jams, and highly profitable for market in some sections. Two years, per doz. \$1.25, per 100 \$7.00.

Fay's Prolific. Color rich red. Two years, each 15c., per doz. \$1.50.

Red Dutch. Medium size; in large bunches; the old and well-known currant of the garden. Two years, per doz. \$1.25, per 100 \$7.00.

White Grape. The best white variety; large, sweet and good; best for the table; a good bearer. Two years, very fine, per doz. \$1.25, per 100 \$7.00.

Blackberries

Plant in good rich soil, in rows five feet apart, and three or four feet apart in the row. After the fruiting season or in early spring, cut out all the dead wood. Should be planted early, before the buds start. A good top dressing of stable manure, applied annually, produce large crops. Keep the ground clean and well worked.

Erie. An excellent early berry; ripens its entire crop at once. Berries good size, black, firm, sweet and of good quality. Per doz. \$1.00, per 100 \$3.00.

Kittatinny. Large, juicy, sweet and excellent; hardy and productive. Considered the best and most profitable late berry. Per doz. 75c., per 100 \$3.00.

Wilson's Early. A well-known and desirable variety, ripens early. Per doz. 75c., per 100 \$3.00.

Wilson's Junior. Of large size, unsurpassed productiveness, fine flavor, and early. The largest and best early blackberry yet introduced. Per doz. 75c., per 100 \$3.00.

Gooseberries

Treatment same as for Currants.

Downing. Large pale green; soft, juicy and good for family use. Two years, per doz. \$1.50, per 100 \$9.00.

Houghton's Seedling. Medium, pale red, vigorous. Two years, per doz. \$1.50, per 100 \$9.00.

Industry. Although a foreign sort, it has done admirably, being a vigorous grower and an immense yielder, and showing no signs of mildew. We confidently recommend it for the garden, being unequalled for size, flavor, productiveness and vigorous growth. Color dark red. Each 25c., per doz. \$2.00.



Water Hyacinths

The most showy plants for growing in water. Each 15c., per doz. \$1.50.

Raspberries

Plant in rows five or six feet apart, two to four feet apart in the row. Cut the tops off within a few inches of the ground when planted. Prick the vigorous young shoots several times during the summer; they will then grow stout enough to stand without staking.

Brandywine. Large; bright red; hardy and productive; an old variety, extensively grown. Per doz. 50c., per 100 \$3.00.

Cuthbert. Large, firm, deep, rich crimson, of excellent quality; perfectly hardy and very productive. Per doz. 50c., per 100 \$3.00.

Philadelphia. Dark crimson; a variety grown for market, on account of its hardiness and productiveness. Per doz. 75c., per 100 \$3.00.

Gregg. A large black variety; fruit firm, of excellent quality and a good shipper. Per doz. 75c., per 100 \$3.00.

Japanese, or Wineberry. Large clusters of red berries, excellent for jelly or preserving. Each 10c., per doz. \$1.00.

Hardy Grape Vines

Very strong two year old roots, true to name. Each 25c., per doz. \$2.50, per 100 \$12.50.

Catawaba. A very good keeper; red sweet and rich, with pleasant flavor. Does best against buildings.

Concord. One of the most profitable of all hardy grapes. Bunch and berry large; black, juicy and sweet.

Duchess. Medium size; greenish white; excellent quality; compact bunch. Ripens with Concord.

Lady. Bunch compact and of good size; berry yellowish green; flavor sweet, rich and sprightly.

Martha (White Concord). Large, pale yellow; strongly resembles the Concord in all points except color; hardy and vigorous.

Moore's Early. Bunch and berry round and large; black, with a heavy blue bloom.

Niagara. Bunches very large and very compact; berries large light greenish white, skin thin but tough, and does not crack; quality good.

Salem (Rogers' No. 22). Large; bright redish brown; fine, rich, aromatic flavor.

We also have some extra strong vines of the above sorts at 50c. each, per doz \$5.00.

Foreign Grape Vines, for indoor graperies. All the best varieties. One year old vines, each 75c., per doz. \$7.50. Strong two year old vines, each \$1.50, per doz. \$15.00.

Strawberry Plants—Extra Strong

All the leading and tested varieties. Per doz. 25c., per 100 \$1.00, per 1000 \$5.00.

Pot Grown Strawberry Plants

Ready August 1st. Per 100 \$3.00, per 1000 \$25.00.

Hedge Plants

California, or Japan Privet.

An exceedingly beautiful, nearly evergreen; shrub pyramidal form; very vigorous and hardy; leaves deep green, bright and very glossy; bears spikes of fine, white flowers in June; highly ornamental. This is decidedly superior to all other plants for edges. Especially adapted for hedges at the seashore; very easily transplanted. Beware of spurious kinds of privet which are being offered for the above and which are not nearly so desirable; ours are the genuine California, or Japan privet (*Ligustrum Ovalifolium*). Most of them have been transplanted and are furnished with an abundance of fine fibrous roots, are well branched and are sure to give satisfaction.

One year old, 1 to 2 feet high. Per 100 \$3.00, per 1000 \$25.00.

Two years old, 2 to 2½ feet high. Per 100 \$5.00, per 1000 \$40.00.

Two years old, 2½ to 3 feet high. Extra fine. Per 100 \$6.00, per 1000 \$47.00.

Osage Orange

Extra strong two year old plants. Per 100 \$1.00, per 1000 \$5.00.

Highest...
...Quality

FERTILIZERS

For the
Lawn, Garden and
Greenhouse

ASHES (Canada Unleached Hard Wood)

These contain all of the fertilizing elements except nitrogen. Ashes correct sourness in the soil, rendering sandy soils more capable of retaining fertilizers and making clay soils less stiff and more easily worked. They drive away insects, and are indispensable for all crops requiring potash. They are very beneficial for garden and field crops. Apply about 1000 lbs. to the acre. Per 100 lbs. \$1.50, bbl. of 250 lbs. \$3.00, ton of 2000 lbs., in barrels, \$20.00, carload lots of about 20 tons, in bulk, \$15.00 per ton.

Michell's (Strictly Pure and Fresh) Bone Meal

In fertilization nothing takes precedence in importance over animal bones, because they furnish the soil with the essential requisite of nitrogen as well as phosphoric acid. They consist, in the main, of gelatine and phosphate of lime. On the average, 1000 lbs. of good bone dust contains about 38 lbs. of nitrogen and nearly 25 per cent. of phosphoric acid; to put it familiarly, 1 ton of good bone dust contains as much nitrogen as 8½ tons fresh stable manure, and as much phosphoric acid as 110 tons of same. The most substantial fertilizer for plants and lawns. 3 lb. box 15c., 5 lb. bag 25c., 10 lbs. 40c., 25 lbs. 75c., 100 lbs. \$2.10, sack of 200 lbs. \$4.00, ton \$30.00.

Pure Ground Bone

Coarser than bone meal; apply 400 lbs. to the acre. 25 lbs. 75c., 100 lbs. \$2.25, sack of 200 lbs. \$3.50, ton \$30.00.

Pure Bone Flour

Ground perfectly fine; excellent for pot plants or beds where an immediate effect is wanted. 5 lbs. 25c., 25 lbs. \$1.25, 100 lbs. \$2.50, bag or bbl. of 200 lbs. \$4.50, ton \$40.00.

Super-Phosphate

ANALYSIS: Ammonia, 2 to 3 per cent.; bone phosphate, 24 per cent.; Available Phos. Acid, 8 to 9 per cent.; Sulph. Potash, 1 to 2 per cent. It stands without a rival as the largest crop producer at the smallest outlay. It is a complete manure. You can buy phosphates that cost \$5.00 to \$10.00 per ton more, but you can't buy one that will give larger increase in crops. Every bag is up to the standard and equal in strength and mechanical condition to that heretofore sold. Harrow or drill in, using 200 to 300 lbs. per acre; if applied broadcast, use 300 lbs. per acre. 25 lbs. 90c., 100 lbs. \$2.00, 200 lbs. \$3.50, per ton \$28.00.

Pure Peruvian Guano

1½ lb. box 15c., 3½ lb. box 25c., 10 lbs. 50c., 100 lbs. \$3.25, sack of 200 lbs. \$6.00, per ton \$52.00.

Nitrate of Soda

For all crops. Contains the largest percentage of nitrogen; equal to 20 per cent of ammonia. It is very quick in action, and hastens maturity of crops fully two weeks. Should not be applied until the plants are above the ground, when 100 to 150 lbs. per acre should be sown with other fertilizers, or mixed with phosphates. Shipped in double bags. 50 lbs. \$2.00, 100 lbs. \$3.50, 200 lbs. \$6.00.

Agricultural Salt

For topdressing lawns or asparagus beds. Apply early in spring, at rate of 800 to 1000 lbs. per acre. 200 lbs. \$1.25, ton \$8.00.

Mapes' Celebrated Fertilizers

Prices quoted here are f. o. b. Phila. It is, however, more advantageous to the customer to have them shipped direct from Mapes' factory, as the price will be 25c. less per sack, and \$2.00 less per ton than prices herewith quoted, only paying one freight charge.

	Sack of 200 lbs.	Ton of 2000 lbs.
Potato manure.....	\$4.50	\$43.00
Corn ".....	4.25	41.00
Onion ".....	4.75	44.00
Cabbage and cauliflower manure.....	4.25	40.00
Fruit and viue.....	4.25	40.00
Orange and fruit tree.....	4.25	39.00
Grass and grain spring top-dressing.....	4.25	41.00
Complete manure, "A" brand.....	4.00	37.00
" " for general use.....	4.25	40.00
" " for heavy soils.....	4.50	42.00
" " for light soils.....	4.75	44.00
Vegetable " for all soils.....	4.75	44.00
Early vegetable and truck manure.....	4.75	41.00

Kainit

One of the most useful fertilizers. Apply at the rate of 1000 lbs. per acre, should be spread during winter. 100 lbs. \$1.25, 200 lbs. \$2.00, per ton \$16.00.

Bowker's Chemical Fertilizer

For general forcing (indoors or out) apply at the rate of about one pound to each hot-bed sash, or from six to eight pounds to every one hundred square feet of bed, thoroughly worked into the soil to the depth of two or three inches. This quantity is recommended when no compost at all is used in the bed; but, if a liberal dressing of compost has been applied, especially if it has had the chemicals added to it, then a smaller quantity of the clear chemicals should be used—say, not more than two to four pounds to one hundred square feet.

For forcing lettuce, cabbage, tomato plants, etc., apply from four to six pounds per one hundred square feet, thoroughly mixed with the soil. Half the quantity may be applied a month later.

For Carnations, violets, and similar plants, use at the rate of four to six pounds for every 100 square feet, or two to three pounds may be applied at one dressing, and then a month later apply two or three pounds more. More explicit directions sent on application. 5 lbs. 50c., 10 lbs. 75c., 25 lbs. \$1.25, 50 lbs. \$2.00, 100 lbs. \$3.50.

Bowker's Ammoniated Food for Flowers

Made especially for plants grown in conservatory, house or garden. Clean, free from offensive odor. Full directions with each package. Package 25c., by mail 40c.

ALBERT'S CONCENTRATED HORTICULTURAL MANURE

Guaranteed to contain: 12 per cent. Nitrogen; 13 per cent. available Phosphoric Acid; 21 per cent. Potash.

The manure is pure and concentrated, free from smell, clean to handle, and soluble in water. Quick and lasting in its action; gives best results; does not exhaust the soil; does not deteriorate on standing. 1 lb. cans 25c., 2½ lb. cans 50c., 10 lbs. for \$1.50, 25 lbs. for \$3.00, 50 lbs. for \$5.00, 100 lbs. for \$8.50.

Pulverized Sheep Manure (Fresh)

Also excellent for pot plants. 2 lbs. 15c., 4 lbs. 25c., 10 lbs. 50c., 25 lb. bag \$1.00, 50 lbs. \$1.50, 100 lbs. \$2.50, per ton \$32.50.

Clay's Fertilizer

Imported manure especially recommended for flowers or vegetables, to bring the highest perfection. Should be used in potting soil, and spread on staging of greenhouses planted with flowering plants. Per bag of 25 lbs. \$2.00, 50 lbs. \$3.50, 100 lbs. \$6.50.

Muriate of Potash

50 lbs. \$2.25, 100 lbs. \$4.00, 200 lbs. \$6.00.

Land Plaster (Calcined)

25 lbs. 50c., 100 lbs. \$1.00, bbl. \$1.50, ton \$8.00.

New Publication on

LANDSCAPE GARDENING. By SAMUEL PARSONS, Jr., Superintendent of Parks, New York City. Notes and suggestions on lawns and lawn-planting, laying out and arrangement of country-places, large and small parks, cemetery plots, and railway-station lawns, deciduous and evergreen trees and shrubs, the hardy border, bedding plants, rockwork, etc., etc. Large 8vo., with nearly 200 illustrations; pp. xxii and 329. Price \$3.50.

CONTENTS: The lawn—The treatment of sloping grounds—Spring effects on the lawn—Trees and shrubs for June effects on the lawn—The flowers and foliage of summer—Green autumnal foliage—Autumnal colors on the lawn—Lawn planting for winter effect—Garden flowers—Grandmother's garden—Bedding plants—The ornamentation of ponds and lakes—Lawn planting for small places—City parks—Railway, churchyard, and cemetery lawn planting—Nookeries on the home ground—My friend, the Andromeda.

Mr. Parsons' long and successful experience as a landscape gardener makes him peculiarly qualified to give practical instruction on all matters pertaining to the laying out and planting of country places.

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Very Strong, Light and Durable

No. 2.....\$3.25 No. 3.....\$3.50 No. 4.....\$3.75



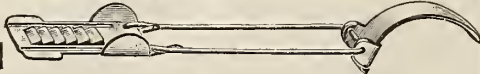
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Deakin's Brass Garden Syringes.

No. A.	1	stream and spray hose, 12 x 1 inches	\$2 00
No. B.	1	" " " " 13 x 1 1/4 "	.....	2 75
No. C.	1	" " " " 14 x 1 1/2 "	.....	3 25
No. 2.	1	" " 2 roses, 1 3/4 x 1 1/8 "	.....	4 00
No. 5.	1	" " 2 " 1 5/8 x 1 1/2 "	.....	6 00
No. H.	18	inches long, 1 1/2 inches in diameter	.....	2 00

Zinc Syringe, Large Size, each \$1.00.

A. & W. Hose Band



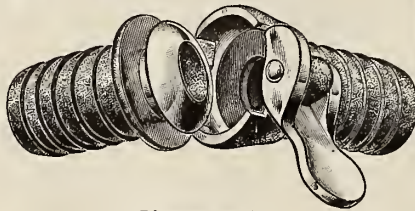
No special tools required. Engage the lever in the farthest notch it can reach, press down lever, then hammer down ears and the lever is locked. The lever cannot slip. Each 5c., per doz. 45c.

Water-Tight Hose Coupler

Absolutely...
...Water-Tight



No. 3.



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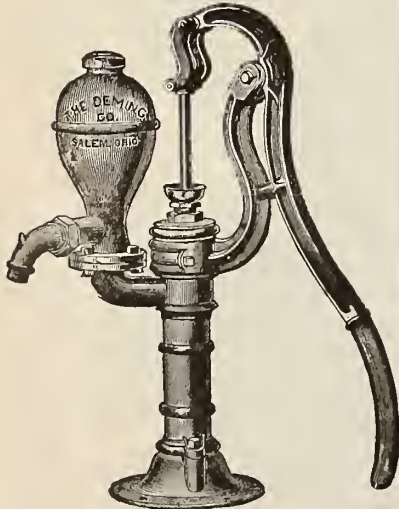
Instantaneous in operation. Simplicity itself. Can be operated by a child. No screws to get out of order. Nothing to get damaged or broken. Per pair 25c., per doz. pairs \$2.50.

Acme Hose Crook and Swivel Joint

Saves the hose and doubles its life. Attached to ground pipe or spigot. Bending of the hose is avoided, and the usefulness of the hose greatly increased. Hose does not wear out from the friction of the water, but from the constant bending and twisting to which it is subjected. The use of the crook removes the greatest cause of wear. Each 50c., per doz. \$5.00.



Fig. 510.



Improved Hand Force and Lift Pump
On Base with Air Chamber and Brass Piston Rod. Will throw water a distance of 80 ft., \$7.50.

Rustic Plant Stands
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A Large Assortment,
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\$1.00 to \$2.50 each.



Rubber Hose



SPINCTER GRIP ARMORED
SPRING STEEL GALVANIZED.

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Armored Hose in 25 and 50 foot lengths, 3/4 in., 16c. per foot. We have made arrangements with two leading hose manufacturers to supply us an extra grade of durable hose, which they guarantee. Our price will be found about one cent per foot less than at most of the dealers in hose. Extra 4-ply, in 50 foot lengths, per foot, 13 1/2c. Extra 3-ply, in 50 foot lengths, per foot, 11c. Competition, 3-ply, in 50 foot lengths, per foot 6c.

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For throwing fine or coarse spray, or straight stream. Each 35c.

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1/2 inch, 5c. each, doz. 45c.
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The Improved "Bordeaux" Spray Nozzle

The "Bordeaux" Nozzle is the simplest and best combination spraying nozzle on the market. It throws solid stream or a fan-shaped spray adjustable to any fineness; is readily degorged by turning the cock handle. It will also throw a long distance coarse spray for spraying very large trees; or it may be shut off altogether—features possessed by no other spray nozzle. It can be used with any Spray Pumps. Furnished with 1/2 and 3/4-inch hose connection. Price, for both 1/2-inch pipe and 1/2-inch hose, as per cut, \$1.00.



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- Baskets. For use in garden, oak, 1/2 bush. 35c., 1 bush. 45c., oak iron bound 1 bush. 75c.
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- Jute Twine. For tying plants or vegetables, 12c. per lb.
- Mats (Russian). First quality, per doz. \$2.00.
- Mats (Straw). Extra well made, 3x6 feet, each 85c., per doz. \$9.00, 6x6 feet, each \$1.25, per doz. \$14.00.
- Moss (Green). Per barrel \$1.50.
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- Peat Moss. For bedding horses or cattle, and for absorbing the odors of the stable, per bale of about 350 lbs. \$4.00, per ton \$20.00.
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- Raffia. The best material for tying plants, vines, etc. per lb. 20c.
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- Twine. All sizes, for tying, ball 15c.
- White Cotton. For tying, 20c. per lb.

These stoves are manufactured by the original makers of round wick centr'l draught oil stoves



OIL HEATERS
For heating Conservatories, Sun-Parlors, etc. Send for descriptive circular. Each \$4 to \$6.



The Perfect Tomato Trellis

The simplest and best tomato support in use; it is considered, after thorough trial, the most practical on the market, very easily adjusted. Each 15c., per doz. \$1.50.

Tie Joint.
Patented Dec. 4, 1894.



We take Subscriptions for this Most Practical Periodical on GARDENING UP TO DATE

AMERICAN GARDENING

\$1.00 a Year
issued
EVERY SATURDAY..

INSECT DESTROYERS

Ant Exterminator. Very effectual for destroying ants in gardens and lawns. Per pkge 25c., 50c., \$1.00.

Bordeaux Mixture. For black rot, downy mildew, and anthracnose of grapes, potato blight, potato rot, leaf blight of cherry, pear, quince and other fungus diseases. 20 lb. packages (50 gallon wash), \$1.00, five lb. pkgs. 40c. per pkge.

Bordeaux Mixture. In liquid form, 40c. per qt., \$1.25 per gallon.

Caterpillar Lime, Ermish's. Cans of 5 lbs. \$1.00, 10 lbs. \$1.75, kegs of 25 lbs. \$3.75, 50 lbs. \$6.75.

Copperdine. For black rot, carnation rust and anthracnose of the grape, pear leaf blight, apple scab and powdery mildew. One gallon cans (makes 100 gallons wash), per qt. 50c., per gal. \$1.50, five gal. can \$6.25.

Dalmatian or Persian Powder. Pure, ¼ lb. 15c., lb. 40c.

Fir Tree Oil. For destroying insects, such as mealy bug, red spider, scale, thrip, green fly, etc. Full directions with each can. Qt. \$1.25, pt. 75c., ½ pt. 50c., small bottle 25c.

Fir Tree Oil Soap. Per can 25c. and 50c. each.

Fostite. Prevents mildew. Five lbs. 50c., 25 lbs. \$2.00.

Gishurst's Compound. Extensively used for preventing and destroying green fly, mildew, thrip, mealy bug and scale. Box 50c., three-lb box \$1.00.

Grape Dust. Best remedy for mildew. Five-lb. pkgs. 35c., 100 lb. keg \$5.00.

Hellebore. For destroying rose slugs. With directions. Lb. 25c., ½ lb. 15c.

Kerosene Emulsion. For plant lice of any kind, cabbage worms, scale, insects on apple, pear, orange, lemon and other trees. Five-gallon buckets (makes 75 gallons wash), \$1.25 per bucket.

Kill 'N Right. Two-lb. can 50c., five-lb. \$1.20, ten-lb. can \$2.25 twenty-five lb. can \$4.00.



Lemon Oil Insecticide.

The Best and Cheapest Insecticide in the Market. Used now by nearly all the leading growers. It effectually destroys Mealy Bug, Scale, Thrip and Red Spider.

Half Pint, 25c. Pint, 40c.
 Quart, 75c. Half Gal., \$1.25
 Gal., \$2.00 6 Gal. Kegs, \$9 00
 10 Gallon Kegs, \$17.50

Lemon Oil

London Purple. Cheaper and less dangerous than Paris green. Lb. 20c., five lbs. 90c. Special price on larger quantity.

Paris Green, Pure. Lb. 25c., five lbs. \$1.20, 14 lb. buckets \$3.00.

"Pillar Catter." The most effectual device yet introduced to prevent catterpillars from infesting trees. Per yard 10c., 25 yards at 9c. per yard, 100 yards at 8c per yard.

Quassine. Per gal. \$1.25.

Rose Leaf Extract of Tobacco. Per qt. 50c., per gal. \$1.50, five gal. \$5.00.

Slug Shot. Five lbs. 25c., 100 lbs. \$4.25. Bulk, in barrels weighing about 225 lbs., 3¾c. per lb.

Sulphur. A preventive and cure for mildew. Lb. 6c., five lbs. 25c., 100 lbs \$3.00.

Tobacco Dust. Cheaper than snuff, and quite as effectual. Sure remedy for green fly. Five-lb. pkge. 25c., 100 lb. \$3.00.

Tobacco Soap (Pimmers). For destroying insects, parasites and their eggs, infesting either plants or animals. Lb. 40c.

Tobacco Stems, Fresh. For fumigating. Lb. 10c., bbl. \$1.00, bales of about 250 lbs. \$2.00.

Whale Oil Soap. For destroying and preventing insects on plants, trees, vines, etc.; for washing down the bark of trees, grape vines, etc. In cans, with directions, 20c., 35c. and 50c.; in bulk, 10 lbs. 90c.

Fumigators

Perfection, No. 1, holds 1 pk. of stems, \$3.00.

Perfection, No. 2, holds ½ bush. of stems, \$3.75.

Perfection, No. 3, holds ¼ bush. of stems, \$4.50.

Perfection, No. 4, holds 1 bush. of stems, \$5.50.

The "New Model." Manufactured by a practical gardener. No 1 \$3.00 each, No. 2, \$4.00 each, No. 3 \$5.00 each.

Eureka, No. 1, height 12 in., for a house 10 x 20 ft., \$1.25.

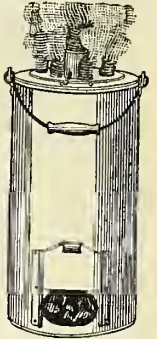
Eureka, No. 2, height 16 in., for a house 12 x 40 ft. \$1.75.

Eureka, No. 3, height 20 in., for a house 15 x 100 ft. \$2.25.

Eureka, No. 4, height 24 inches, for a house 20 x 100 feet, \$3.25.

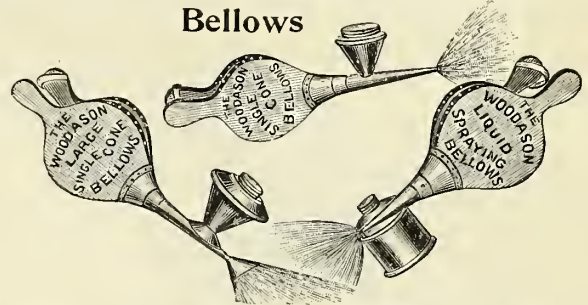


Water Tank Fumigator



"Perfection"

Bellows



For Applying the Insect Destroyers.

Large Double Cone. Each \$3.00.

Large Single Cone. Each \$2.00.

Small Single Cone. Each \$1.00.

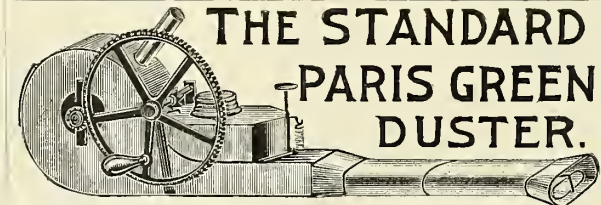
Liquid Spraying. Each \$1.00 and \$2.00.

Sulphur Bellows. Each \$1.50.

THE STANDARD

PARIS GREEN DUSTER.

Price \$5.00 Each



THE BEST Spray Pump

For Spraying Trees, \$8.00, or Complete with Barrel, Truck with 2½ inch Wheels, \$20.00.



Knapsack Sprayers

\$7.50 and \$10.00 each.

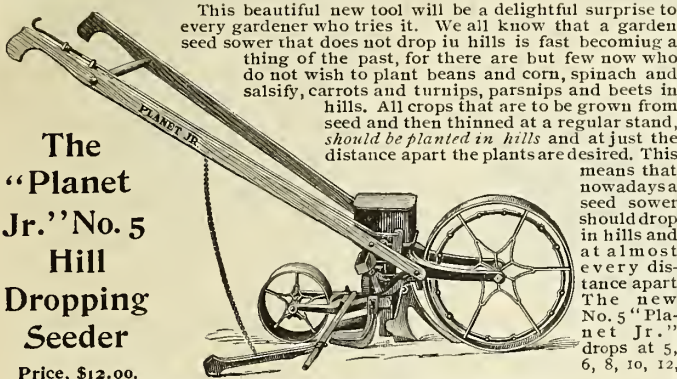
"HOW TO DESTROY INSECTS"

A GOOD BOOK, WELL WORTHY OF ITS TITLE

PRICE, 25 CENTS

"PLANET JR." GARDEN TOOLS FOR 1897

Space will not permit illustrating and describing all of the "Planet Jr." tools, but we will gladly send a *fully illustrated Catalogue* to any who desire it; and we can supply promptly anything ordered. "Planet Jr." goods are standard machines, the best on the market. In sending your orders to us, you can rely on getting bottom prices.

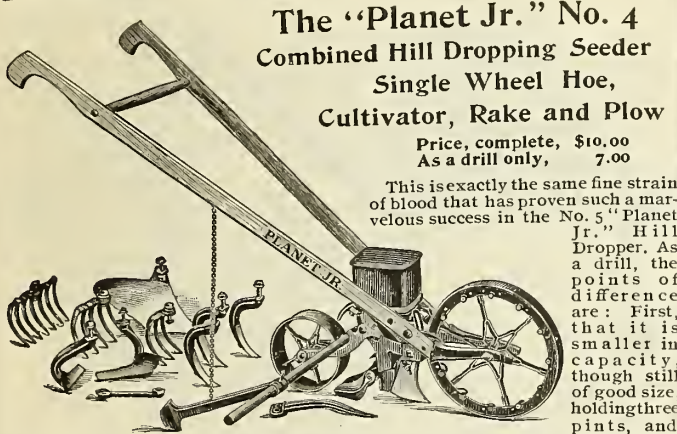


The "Planet Jr." No. 5 Hill Dropping Seeder

Price, \$12.00.

This beautiful new tool will be a delightful surprise to every gardener who tries it. We all know that a garden seed sower that does not drop in hills is fast becoming a thing of the past, for there are but few now who do not wish to plant beans and corn, spinach and salsify, carrots and turnips, parsnips and beets in hills. All crops that are to be grown from seed and then thinned at a regular stand, should be planted in hills and at just the distance apart the plants are desired. This means that nowadays a seed sower should drop in hills and at almost every distance apart. The new No. 5 "Planet Jr." drops at 5, 6, 8, 10, 12,

16, 24 and 48 inches apart, and also beautifully in a continuous row. The newcomer is a great favorite, too, because it is unusually large, holding three quarts, yet very light running. Its large capacity will suit all large growers, and yet it works so perfectly that it will sow a single paper of seed or drop it in hills accurately, to the very last grain. In a word, no seeder has ever been made that compares with this newly perfected No. 5 "Planet Jr.," the 1897 surprise.



The "Planet Jr." No. 4 Combined Hill Dropping Seeder Single Wheel Hoe, Cultivator, Rake and Plow

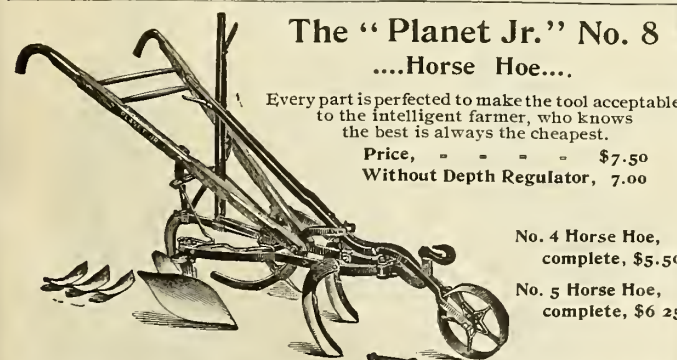
Price, complete, \$10.00
As a drill only, 7.00

This is exactly the same fine strain of blood that has proven such a marvelous success in the No. 5 "Planet Jr." Hill Dropper. As a drill, the points of difference are: First, that it is smaller in capacity, though still of good size, holding three pints, and that it does

not drop at so many different distances apart; however, it drops at 6, 9, 12, 18 and 36 inches. It is like No. 5 in dropping in just the same way, just as accurately, and in handling the smallest paper of seed perfectly and to the last grain. The drill is quickly detached and the tool frame substituted. It then becomes the most admirable Single Wheel Hoe of the "Planet Jr." family.

The "Planet Jr." Fertilizer and Pea Drill

See illustration and description in "Planet Jr." Catalogue.



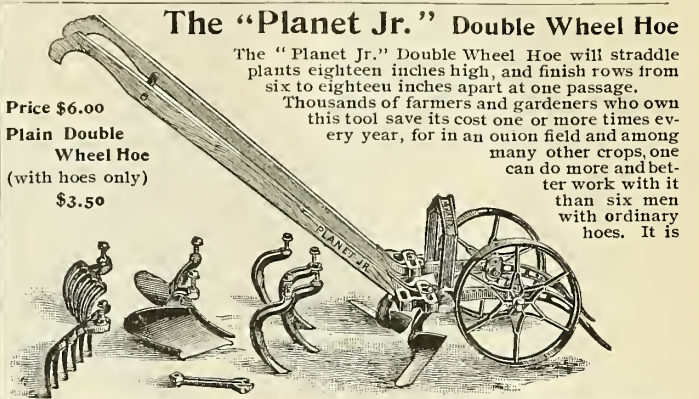
The "Planet Jr." No. 8Horse Hoe....

Every part is perfected to make the tool acceptable to the intelligent farmer, who knows the best is always the cheapest.

Price, - - - - \$7.50
Without Depth Regulator, 7.00

No. 4 Horse Hoe, complete, \$5.50
No. 5 Horse Hoe, complete, \$6.25

The Depth is under perfect control by means of a new lever wheel and the new patented depth regulator, which are moved instantly in unison by a single lever, making exact work, steadying the machine and relieving the operator. The Expander. This is an entirely new pattern, superior to all other forms; exceedingly strong, simple, accurate and positive in all positions. Handle and Braces. These are also absolutely new and the most effective and stiffest combination known, at once making the tool rigid, yet allowing every adjustment of handles in height and sidewise.

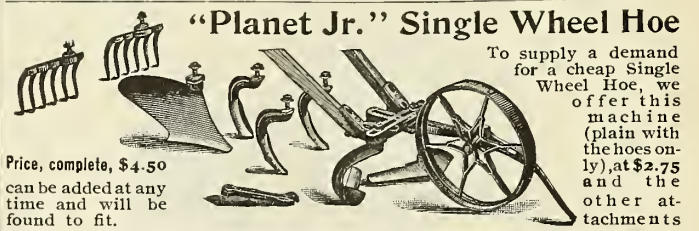


The "Planet Jr." Double Wheel Hoe

The "Planet Jr." Double Wheel Hoe will straddle plants eighteen inches high, and finish rows from six to eighteen inches apart at one passage. Thousands of farmers and gardeners who own this tool save its cost one or more times every year, for in an onion field and among many other crops, one can do more and better work with it than six men with ordinary hoes. It is

Price \$6.00
Plain Double Wheel Hoe (with hoes only) \$3.50

invaluable for all market garden crops. The wheels are only ten inches high, as a high wheel is wrong for a wheel hoe, since the wheels are simply depth regulators, not load carriers.



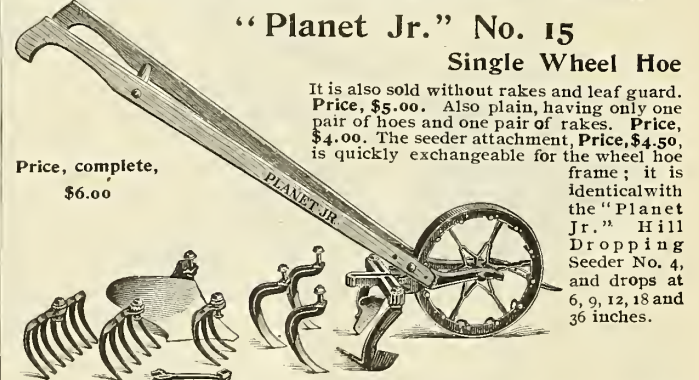
"Planet Jr." Single Wheel Hoe

To supply a demand for a cheap Single Wheel Hoe, we offer this machine (plain with the hoes only) at \$2.75 and the other attachments

Price, complete, \$4.50
can be added at any time and will be found to fit.

The "Fire-Fly" Single Wheel Hoe
This popular tool is exactly the same as the "Planet Jr." Single Wheel Hoe, except that it does not have the rakes or leaf lifter. Price, \$3.75.

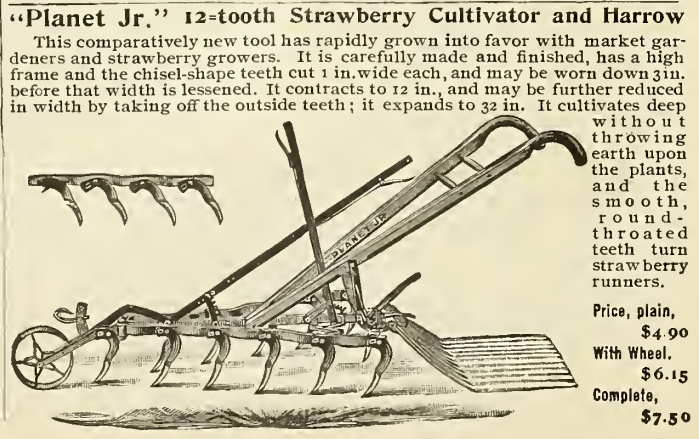
The "Fire-Fly" Wheel Garden Plow
This tool is invaluable for those who have small gardens. Price, \$2.00.



"Planet Jr." No. 15 Single Wheel Hoe

It is also sold without rakes and leaf guard. Price, \$5.00. Also plain, having only one pair of hoes and one pair of rakes. Price, \$4.00. The seeder attachment, Price, \$4.50, is quickly exchangeable for the wheel hoe frame; it is identical with the "Planet Jr." Hill Dropping Seeder No. 4, and drops at 6, 9, 12, 18 and 36 inches.

Price, complete, \$6.00

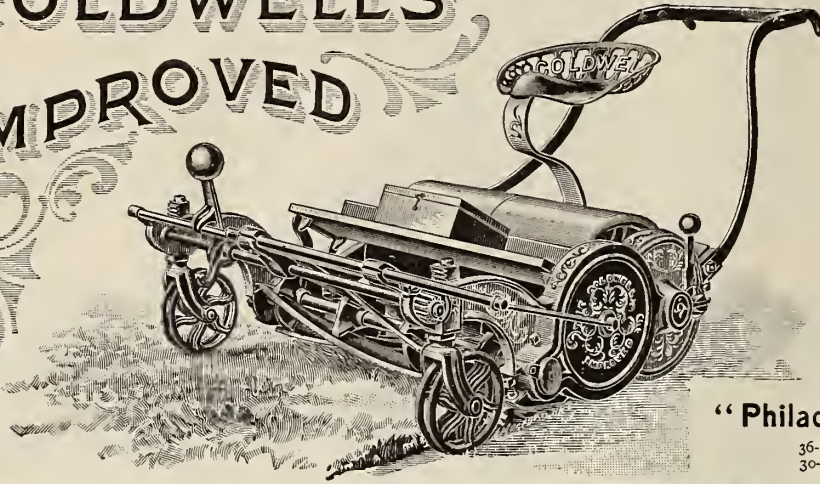


"Planet Jr." 12-tooth Strawberry Cultivator and Harrow

This comparatively new tool has rapidly grown into favor with market gardeners and strawberry growers. It is carefully made and finished, has a high frame and the chisel-shape teeth cut 1 in. wide each, and may be worn down 3 in. before that width is lessened. It contracts to 12 in., and may be further reduced in width by taking off the outside teeth; it expands to 32 in. It cultivates deep without throwing earth upon the plants, and the smooth, round-throated teeth turn strawberry runners.

Price, plain, \$4.90
With Wheel, \$6.15
Complete, \$7.50

COLDWELL'S IMPROVED



Coldwell's Horse Lawn Mower

This is one of the best Horse Lawn Mowers manufactured. Used exclusively by the Government, and on the largest public and private lawns in the country. They are furnished with shafts, seat and side draft attachment, which keeps the horse on the cut grass only. Each mower warranted to give complete satisfaction. Low prices (strictly net). 30-inch cut \$60.00, 35-inch \$75.00, 40-inch \$90.00.

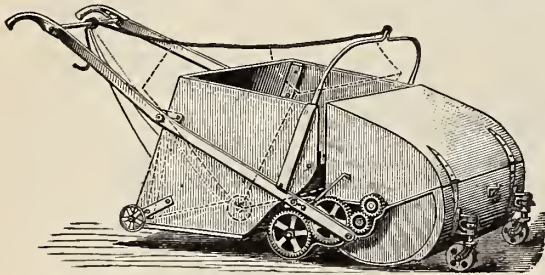
New Pony Lawn Mower

Width of cut 25 inches, \$28.00.

We are Headquarters for
Lawn Mowers
and cannot be undersold

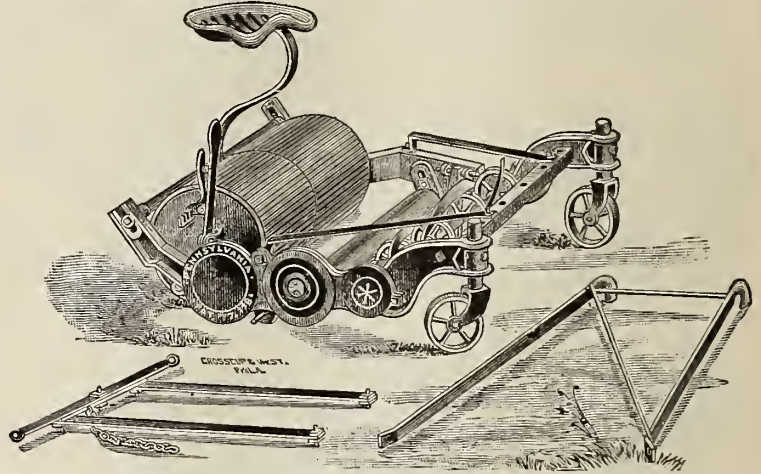
"Philadelphia" Horse Lawn Mower

36-inch price on application.
30-inch \$60.00



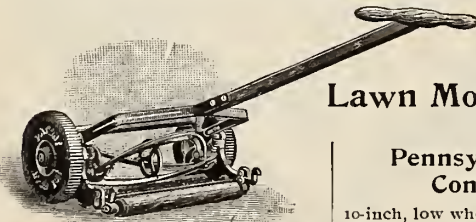
Philadelphia Lawn Sweeper

A simple machine for cleaning the lawn. A driving roller gives motion to a revolving brush placed directly in front, causing it to sweep the sod clean and throw the sweepings backward from the top of the brush into a large box in the rear of the roller. The box can be dumped without stopping. Sweeps 40 inches wide, \$52.50.



"Pennsylvania" Horse Lawn Mower

Open cylinder, with draft irons only, \$65.00 | Open cylinder, with draft iron and seat, \$70.00
Open cylinder, with draft irons, shaft and seat, \$75.00.



Lawn Mowers

The "New Departure" Lawn Mower

	No Sharpening	No Setting
10-inch cut	\$3 25	\$3 25
12 "	3 50	3 50
14 "	3 75	3 75
16 "	4 25	4 25

Philadelphia

10-inch cut	\$4 25
12 "	4 75
14 "	5 25
16 "	6 00
18 "	6 75

Pennsylvania and Continental

10-inch, low wheel	\$5 25
12 "	6 00
14 "	7 00
16 "	7 75
18 "	8 75
15 " high wheel	10 00
17 "	11 00
19 "	12 00
21 "	13 00

Girard

10-inch	\$2 50
12 "	2 75
14 "	3 00

Imperial

14 inch, high wheel	\$8 00
16 "	9 00
18 "	10 00
20 "	11 00

Braun Grass Catcher

Suitable for Pennsylvania, Continental, Great American and New Quaker City Lawn Mowers.

10-inch	each, \$1 05
12 "	1 15
14 "	1 25
16 "	1 35
18 "	1 45

Suitable for Pennsylvania and Continental High Wheel Lawn Mowers.

15-inch	each, \$1 30
17 "	1 40
19 "	1 50
21 "	1 60
25 " Pony	1 85

Triumph Grass Catcher

Adjustable, Practicable and Cheap

10, 12 and 14-inch mowers 50c. each | 16, 18 and 20-inch mowers 75c. each

Horse Boots for Lawn

Extra well made; will wear out 2 sets of cheap boots, \$7.50 per set of four.

The New Philadelphia Lawn Clipper

This is the first practical mower to cut grass near fences, walls, and all places where it is impossible to cut with the regular lawn mower. Each \$5.00.

Wright's Lawn Weeder

The Best Weed Extractor. Each \$1.00.



Sickles or Grass Hooks

All sizes, 25c., 35c., 40c., 50c., 60c., and 70c. each.

English Rivet Back Lawn Scythes

Each \$1.25, \$1.35, \$1.50

Lawn Border Shears

Each \$2.50 and \$3.00.

Edging Knives

Each 50c. to \$1.40.

Mole Traps

Perfection, each, \$2.25
Hale's " " 2.00
Novelty, " " 1.25



Imported, each, 25c.

MICHELL'S CATALOGUE

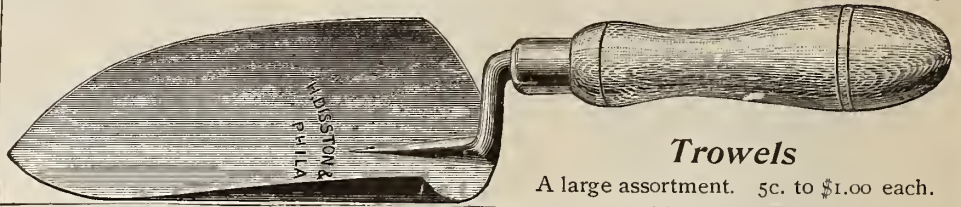
MISCELLANEOUS MATERIALS

Painted Pot Labels

	Per 100	Per 1000		Per 100	Per 1000
3 1/2 inch.....	\$.10	\$.75	6 inch.....	\$.25	\$1.25
4 ".....	.12	.85	8 ".....	.35	2.50
4 1/2 ".....	.15	1.00	10 ".....	.50	4.00
5 ".....	.20	1.10	12 ".....	.75	5.25

Painted Tree Labels

3 1/2 inch, notched or pierced. Per 100 15c., per 1000 \$1.00.



Trowels

A large assortment. 5c. to \$1.00 each.

Indestructible Copper Labels

Made of prepared copper, thin and pliable; can be written on with a pencil, which indents the copper, leaving a permanent impression. A little white lead, rubbed with the finger on the face of the label before the name is written, will make it more conspicuous. Per doz. 20c., per 100 \$1.00.

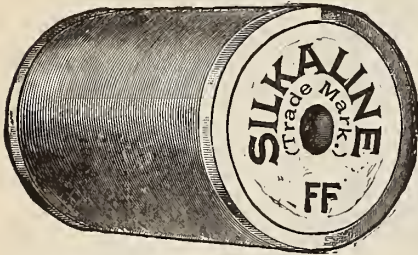
Copper Wire

For tree labels. Bunch 10c., lb. 50c., per lb. spool 65c.

Indelible Marking Pencil

Purple. 10c. each.

Tying Materials



Green Silkline. The best material for tying; does not fade; is very strong and durable. 20c. per spool, \$1.50 lb.

Raffia. For tying. 25c. per lb.

String. For tying. All sizes. 5c. to 20c. per ball.

Soil or Sand Sieves

We can supply any size mesh, from No. 1 to 30. Made extra strong, Extra heavy, 20-inch diameter 75c., 18-inch 60c. Medium 20-inch diameter 60c., 18-inch 55c., 16-inch 50c.

Plant Stakes

Southern Cane. 7 to 9 feet long. Per 100 \$1.00, per 1000 \$7.00.

Unpainted Stakes or Dowels

36 in. long, 1/4 inch diam.,	100 \$1.00	1000 \$7.00	42 in. long, 3/8 inch diam.,	100 \$1.00	1000 \$7.00
36 " " 3/8 " " "	.70	5.00	42 " " 1/2 " " "	1.15	6.50
42 " " 1/4 " " "	.85	5.00	42 " " 5/8 " " "	1.35	7.50

Galvanized Steel Plant Stakes

Used by leading gardeners and florists for roses, carnations, etc. They are neat and durable.

2 feet long.....	100 \$.70	1000 \$5.75	4 feet long.....	100 \$1.15	1000 \$9.75
2 1/2 " ".....	.80	6.75	4 1/2 " ".....	1.25	10.75
3 " ".....	.90	7.75	5 " ".....	1.40	11.75
3 1/2 " ".....	1.00	8.75			

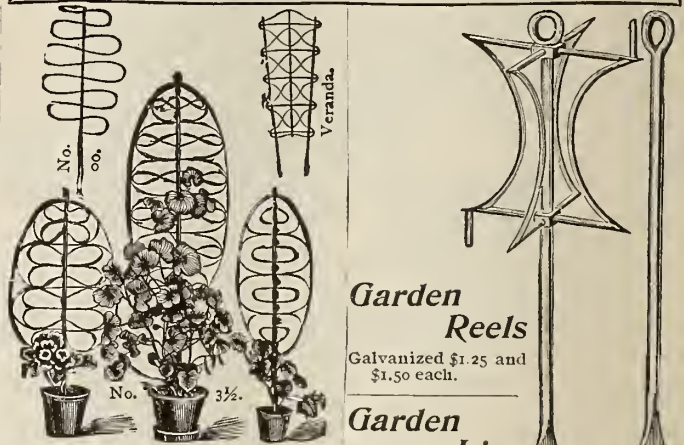
Painted Stakes

1 1/2 feet, painted green.....	100 \$.15	1000 \$1.75	4 feet, painted green.....	100 \$.65	1000 \$4.00
2 " ".....	.20	1.25	3 " dahlia, heavy.....	.60	3.75
2 1/2 " ".....	.30	1.75	4 " ".....	.75	5.00
3 " ".....	.40	2.50	5 " ".....	.90	6.25
3 1/2 " ".....	.50	3.25	6 " ".....	1.10	7.50

Thermometers

A large assortment. 15c. to 75c. each.

Maximum and Minimum Thermometers. Registering the coldest and warmest temperature. \$2.50 and \$3.00 each.



Garden Reels

Galvanized \$1.25 and \$1.50 each.

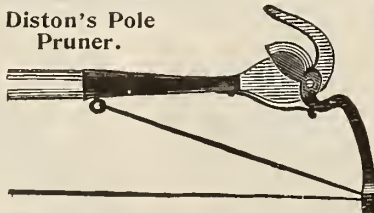
Garden Line

Trellises

For Training Vines, Each 10c. to \$1.00. 30c. to 60c. per hank.

PRUNING SHEARS, SAWS AND KNIVES

Diston's Pole Pruner.



From 4 to 14 feet long. 4-foot pole 75c., 6-foot pole 85c. 8-foot pole \$1.00. 10-foot pole \$1.25. 12-foot pole \$1.50.

Disston's Little Giant Pruner. Price \$1.00, with saw \$1.30.

German Hand Pruning Shears. Steel blades, coiled steel spring, which cannot drop out. 8-inch 75c. Extra springs 10c.

Improved Red Clipper, Hedge Shears

18 in. handles, 7 1/2 in. polished blade draw cut; price \$2.25 each.



Fruit Pickers. All the best kinds. 35c. to \$1.00 each.

American Hand Pruning Shears. Price 40c., 50c. and 60c.

Hedge Shears. Best quality. 8-inch \$1.50. 9-inch \$1.75. 10-inch \$2.00. The above sizes with notch 25c. extra.

Pruning and Budding Knives. A large assortment. 50c. to \$1.25 each.



Pruning Saws

Best quality. 70c. to \$1.25.



Transplanting Dibble

The best and cheapest. Price 50c.



POULTRY SUPPLIES

Mann's Standard Bone Cutter

No. 1, without legs, \$7.00. No. 2. Weight 142 lbs. Our Price \$18.00.



The simplest and most economical machine that can be made for converting green bones, with the meat and gristle attached, into poultry food.

The machine weighs 142 pounds. The knives are made of the finest tool steel, and can be easily removed and sharpened when necessary.

Capacity, one-half pound to one pound per minute.

The above cut represents our latest improved hand machine.

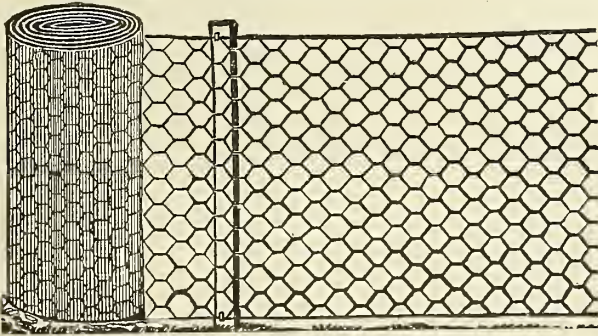
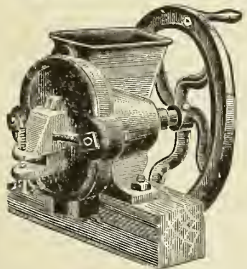
It is exactly the same as pictured here, and the one always exhibited by dealers. The manufacturer also selects this machine for his agents' use at all the agricultural poultry exhibitions.

We recommend this size and style for all who have a limited number of fowls.

Oyster Shell and Dry Bone Mill

Weight 39 pounds. Price \$4.50.
With legs, \$6.50.

This mill is adapted for grinding oyster shells, dry bones, corn, meal, etc. and, by means of a regulating wedge on the back, can be made to grind to any desired fineness.



Galvanized Wire Netting

Notice these low prices (less than 1/2 cent per square foot) for No. 19 wire, galvanized after the netting is made, which makes it stronger and more durable.

The best thing for making poultry yards; better looking and cheaper than laths, and permits more light and air to enter.

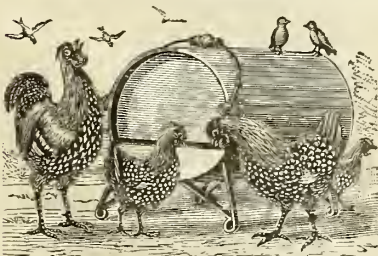
12 in. wide, per bale 150 lineal ft.....	\$.70	42 in. wide, per bale 150 lineal ft.....	\$2.45
18 " " " " " " " " " " " " " " " "	1.50	48 " " " " " " " " " " " " " " " "	2.80
24 " " " " " " " " " " " " " " " "	1.50	60 " " " " " " " " " " " " " " " "	3.50
30 " " " " " " " " " " " " " " " "	1.50	72 " " " " " " " " " " " " " " " "	4.20
36 " " " " " " " " " " " " " " " "	1.50		

Any required length cut from above sizes at 1 cent per square foot.

Galvanized staples for fastening, 10 cents per pound.

Poultry Drinking Fountains For Fowls

A large assortment, in stone ware and galvanized iron. 25 cents to \$1.00 each.



Wigmore's No. 1 Caponizing Set. Set consists of 1 fine steel knife and forceps, 1 nickel-plated spreader, improved German silver cutting and twisting scoop, with fine hook on opposite end, 1 fine German silver probe, and 4 German silver hooks attached to cords for quickly securing the fowl. In box \$2.25, in case \$2.50. Book on "Practical Caponizing and How to Make Poultry Pay" free.



French Poultry-killing Knife. The most expeditious and humane way of killing and dressing poultry is by using the French knife. Made of the finest steel. Price, with full instructions, 50c. each.

Fresh Foods for Poultry, etc.

Animal Meal. (Bowker's.) 5 lbs. for 25c., 10 lbs. 40c., 25 lbs. 75c., 50 lbs. \$1.25, 100 lbs. \$2.25.

Barley. Per qt. 15c., bush. \$1.00.

Bone (Granulated). The use of ground bone tends to keep fowls in good health, and materially aids laying hens. 5 lb. pkge. 25c., 25 lbs. \$1.00, 100 lbs. \$2.25, 200 lb. bag \$4.00.

Buckwheat. For pigeons and young poultry. Per qt. 10c., peck 30c., bush. \$1.00.

Cut Clover Hay. Excellent food for winter and early spring. 40 lb. bag \$1.00, 100 lbs. \$2.00.

Chick Manna, or Food for Little Chicks. Specially prepared for little chicks when first hatched. Should be the first and only food, and continued for 10 or 12 days before feeding anything else. Directions for feeding on each package. 1 lb. pkge. 10c., by mail 25c., 5 lb. pkge. 40c., 60 lb. box bulk \$4.20.

Death to Lice Powder. (Lambert's.) 15 oz. box 25c., 48 oz. box 50c., 100 oz. box \$1.00.

Dessicated Fish, or Fish Meal. Excellent egg producer. 50 lb. bag \$1.50, 100 lbs. \$2.75.

Eggs. Thorough-bred poultry; for hatching; 30 varieties. Satisfaction guaranteed. Per 13 \$1.50, per 26 \$2.50.

Incubator Eggs. Per 100 \$5.00.

Eggs (Nest). Porcelain, each 3c., per doz. 30c. Medicated, each 4c., per doz. 40c.

Gape Cure. (Madoc.) 6 oz. can 20c., 7/8 lb. can 35c.

Hemp Seed. Used largely for feeding birds and pigeons. Per qt. 15c., peck 60c., bush. \$2.00.

Imperial Egg Food. For making hens lay winter and summer; keeps the fowls in the best condition. 1 lb. pkge. 40c., by mail 65c., 2 1/2 lb. pkge. 90c., by mail \$1.40, 6 lb. pkge. by express \$2.00, 25 lb. keg by express \$6.00.

Meat for Poultry (Prepared). This is prepared with great care. It is the finest thing we know of to cause hens to lay during the winter; extremely profitable to feed. 50 lbs. \$1.25, 100 lbs. \$2.25, 500 lbs. \$12.00, ton \$42.00.

Mica Crystal. For digestion. 5 lbs. for 15c., 10 lbs. 25c., 25 lbs. 40c., 100 lbs. \$1.00.

Oyster Shell (Fresh Ground). The finest article to feed for shell making. 5 lbs. 15c., 25 lb. bag 40c., 100 lbs. 85c., ton \$12.00.

Peas (Canada Field). Per qt. 20c., peck 50c., bush. \$1.75, 10 bush. lots \$1.50 per bush.

Pratt's Food. Will make hens lay all the year, and is excellent for feeding to young chicks. For large fowls mix one ounce with the food for fifteen or twenty. For fifteen or twenty chicks give one-half ounce every other day. 1 1/2 lb. pkge. 25c., 5 lb. pkge. 60c., 12 lb. bag \$1.25, 25 lb. bag \$2.50.

Roup Preparation. Sure cure. 1/2 lb. pkge. 20c., 1 lb. pkge. 40c.

Sheridan's Condition Powder. Well recommended by all leading poultry dealers. 4 oz. pkge. 25c., 2 1/4 lb. can \$1.00, six 2 1/4 lb. cans \$5.00.

Sunflower Seed, Mammoth Russian. One of the best egg producing foods known for poultry. It can be sown any time up to the middle of July, alongside of fences, and in almost any kind of soil. Per qt. 10c., peck 50c., bush. \$1.75.

The Best Book on Poultry

"Profits in Poultry." Useful and Ornamental Breeds, and their Profitable Management. A practical treatise on the business, giving chapters on designs for houses, artificial incubation, preparing for market, caponizing, etc. Price \$1.00.

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"	6	Heads of Cabbage	-	-	-	-	-	3.00	2.00
"	6	Mangel Wurzel Beets	-	-	-	-	-	3.00	2.00
"	6	Heads of Spinach	-	-	-	-	-	3.00	2.00
"		Dish of Hot-house Tomatoes	-	-	-	-	-	3.00	2.00
"	3	Hot-house Cucumbers	-	-	-	-	-	3.00	2.00
"	6	Heads of Lettuce	-	-	-	-	-	3.00	2.00
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